

The



# THEMIST AND DRUGGIST

or RETAILER - WHOLESALER - MANUFACTURER

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28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

460  
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JUNE 1, 1946

Annual Subscription (with  
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*It's advertised as a Chemist's Line*

# Elasto

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A PRODUCT OF BIO-CHEMICAL RESEARCH

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(Original letters have been seen by a representative of "The Chemist and Druggist")

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"As a sufferer of varicose veins, I must state before using 'Elasto' I was tortured with aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the aching of tiredness and aching has vanished. I recommend 'Elasto'—they are a boon."

P. 30.

— R. P.

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AT 1108.

— F. T.

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AH 1263.

— E. H.

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FOUNDED 1920

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The Chemists' Friends Association is bringing back to chemists the business they have lost to other traders.

MOVEMENT FOUNDED 1935

### **C.M.I.—The Chemists' Own Insurance Company**

The Chemists' Mutual Insurance Co., Ltd., offers Fire, Employers' Liability, Plate Glass, and other insurances at rates that have saved N.P.U. members thousands of pounds. Security is assured, and prompt consideration of claims.

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### **C.S. & P.S.—Provides for Sickness and Advancement Years.**

The Chemists' Sickness & Provident Society offers chemists the most satisfactory sickness insurance combined with the saving of money. Members have already saved over £160,000 and have had many thousands of pounds in sickness benefits.

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A Member of the N.P.U. can pay up to one hundred separate suppliers' accounts with one cheque.

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5. We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

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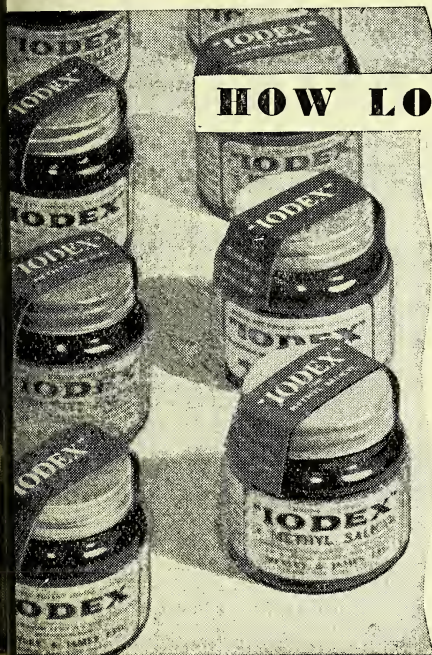
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A revolutionary product for the treatment of skin illnesses with unusual penetrating power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

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**PATA**



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**HOGG'S 'EETLE-ROACH**

Now contains **D.D.T.** (Gel)

**Kills Beetles, Cockroaches, Ants,  
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1/- and 5/- per box

Trade Prices: 8/- and 40/- per doz.

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LABORATORIES · SALFORD**

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SPRINKLE  
BOX**

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*Important Facts every Chemist should know!*

CONSIDERABLE erroneous opinion has grown up around phenolphthalein. This is now giving way to the facts that are being revealed by modern pharmacological and clinical research.

Here are a few of the facts:

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- Contrary to the belief that all synthetic drugs are constant in their physiological action, different lots of phenolphthalein *do* show a variation in laxative potency. To obtain a uniformly effective product, biological standardisation is necessary. For this purpose, rhesus monkeys are most suitable, because they respond similarly to humans to the influence of phenolphthalein.

## WRITE FOR INTERESTING FREE BOOKLET

A booklet, containing medical evidence, and relating in an interesting way "*What Modern Research Has Found Out About Phenolphthalein*" will be sent with our compliments to pharmacists who request it.

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Phenolphthalein is the active ingredient of *Ex-Lax*. Biologically standardised on rhesus monkeys for unvarying effectiveness, uniformly distributed in a palatable chocolate base by means of a special process that assures uniform dosage, *Ex-Lax* has attained high professional esteem, and is used by millions throughout the world.

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As Insecticide Specialists for over 40 years—Contractors to H.M. Government during the War and since—you can rely on these products being of the highest quality—resulting in the quickest, as well as the highest, possible kill of all insect pests. They bring maximum sales and REPEAT business.

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LIQUID . 3/- 6/- 15/-  
POWDER . 1/3 & 7/6

Usual Cupal Profit Margins and Discount.

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## The "NATURAL" SHAMPOO

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*Sole Manufacturers*

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REALLY STOP PAIN

a good line... and  
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## A clear cut presentation for the pharmacist

- Is an emulsion of pure liquid paraffin and pure magnesia — and **nothing else**.
- Hence the laxative plus antacid for all ages, from infancy to old age.
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N.B. The good results produced by M.O. are maintained by decreasing doses.

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MUSTEROLE FINE PRODUCTS CO. LTD.  
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**M.O. definitely does effect:**

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IE REACTION	MUCOSAL BLANDNESS

# RIDDOBRON INHALANT

IS NOW UNIVERSALLY RECOGNISED AS  
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**Why?** Because it overcomes the immediate cause of attack. The results are extraordinarily Effective. It gives the most speedy and complete Relief yet known to Medical Science.

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**SPASMOPURIN** Suppositories effectually supplements the **RIDDOBRON** Inhalant in cases of Chronic Bronchial Asthma associated with accumulation of Phlegm and difficult Expectoration by rectal administration, as they have a powerful antispasmodic, diuretic, vasodilative, and antidysmenorrhœic effect.

A suitable Inhaler is essential for Successful Treatment. The Therapeutic effect of a Inhaler increases in ratio to the fineness of atomisation, and the **PNEUMOSTAT SUPER PAG**, or **DRITAX** is the answer to this problem.



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The next examination will be held at  
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**IMMEDIATE DELIVERY**

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Retail Price — 1/3

Price includes Purchase Tax and Cost of Carriage.

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THE MOST COMPLETE  
SERVICE IN PHARMACY  
BUILT OVER 80 YEARS

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**AYRTON  
SAUNDERS  
& CO. LTD.**

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Retail Chemists who have not yet stocked Dental Sticks should seriously consider obtaining supplies through their Wholesaler or direct from

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British Made **AMPOULE FILES**  
are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

**DOMINION STEEL CORPORATION**  
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Sole Manufacturers  
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**MALT FOOD**

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IN our series of zinc oxide plasters and bandages, careful attention has been given to the selection of the constituents incorporated in the adhesive. The result is that skin irritation is reduced to the minimum.

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ZINC OXIDE ADHESIVE PLASTER

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ADHESIVE DRESSINGS WITH AN  
AIR-STRIP

Pocket size boxes 6d. and 1/- . Also elastic strips, 1  $\frac{1}{2}$ " and 2  $\frac{1}{2}$ " wide. 1 and 5 yd. lengths for surgery use.



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SELLS BECAUSE IT'S USED FOR .

Chest Colds - Sprain  
Boils - Bruises  
Wrenched Muscles

**PATA**

The story of ANTIPHLOGISTINE being carried to the Medical Profession by Medical journals.

Four sizes available to meet all demands  
10  $\frac{1}{2}$  ozs., 1 lb., 2 lbs., 5 lbs.



*Antiphlogistin*  
TRADE MARK

THE DENVER CHEMICAL MFG. CO.  
LONDON, N.W.9

## IMPORTANT ANNOUNCEMENTS

**DISCOUNTS**—With increasing production and demand, discounts on **ORGANON** Hormone products are increased from June 1st, 1946, to 33  $\frac{1}{3}$  per cent. and wholesale discounts are advanced accordingly.

**PRICE REDUCTIONS**—As from June 1st, 1946, material reductions become effective in the prices of

Testosterone Propionate	(Neo Hombreol)
Methyl Testosterone	(Neo Hombreol M)
Ethisterone	(Progestoral)
Progesterone	(Progestin Organon)

Wholesalers who hold stocks of these products on June 1st should claim credit from us in order that they may pass the benefit of the reduced prices to buyers who purchase on and after June 1st.

Revised Retail Price List on request.



## ORGANON LABORATORIES LTD.

BRETENHAM HOUSE, LONDON, W.C.2

Telephone: TEMPLE BAR 6785

Telegrams: MENFORMON, RAND, LONDON



# JUNE



*The Sign of the Crab*

CANCER — The Sign of the Crab is one of the signs forming the central division of the Zodiac. It is thought probable that originally this sign was denoted by the turtle, scorpion or beetle—most probably the last named since the sign is one connected with the belief in immortality. The Scarab was the emblem in ancient Egypt, as far back as 4,000 B.C., of resurrection and immortality.

*Drug Merchants & Manufacturing Chemists*

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**PENICILLIN OINTMENT B.D.H.**  
**PENICILLIN OPHTHALMIC OINTMENT B.D.H.**

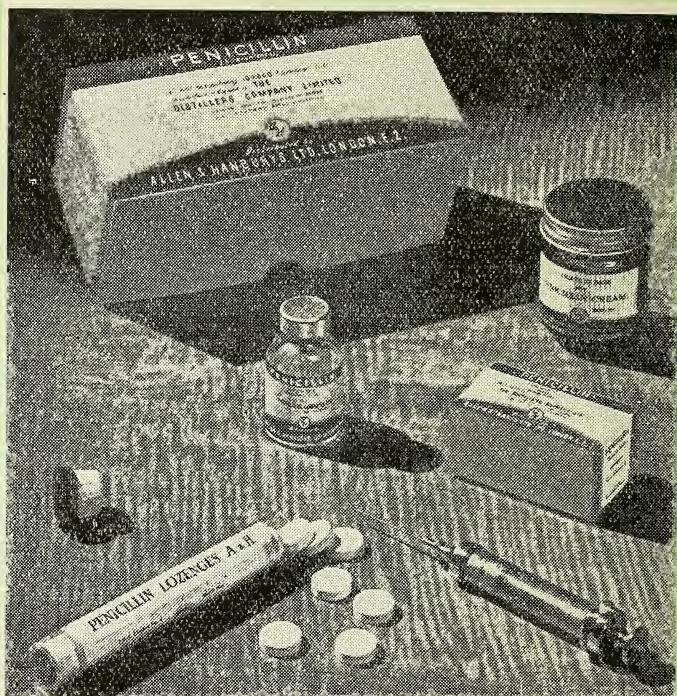
These preparations will be available shortly.

Vials containing 100,000 i.u., 200,000 i.u., 500,000 i.u. and 1,000,000 i.u. of penicillin for the preparation of solutions for injection also are available.

These products are being advertised in the medical press and pharmacists should be prepared to meet the expected demand.

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Pharmacists wishing to include ophthalmic optics in their practices are urged to take the examinations of the Institute.

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The new syllabus becomes operative as and from January First, 1948, but pharmacists wishing to be examined on the present syllabus must register now as Student-Associates.

### NATIONAL HEALTH SERVICE BILL

The framing of regulations after the passing of the Bill makes it a matter of vital importance that pharmacist-opticians are united in an organisation restricted to pharmacists. Those holding certificates of other examining bodies may in certain circumstances be granted the Diploma and membership of the Institute on payment of an annual retention fee of One Guinea.

Copies of the New Syllabus (Price 1/0) and application forms may be obtained from The Registrar, Institute of Chemists-Opticians, 26, Grays Inn Chambers, 20, High Holborn, London, W.C.1.



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POUDRE SIMON NO. 3  
(Slightly heavier than No. 2)  
LARGE SIZE BOX 2s. 6d. Ea.  
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**FOUR SEASONS COLOGNE** This Coty favourite with customers who buy only the best is available again! Summer travellers will appreciate its cooling fragrance.

Our new quota deliveries will include quantities consistent with reasonable amounts of other Coty preparations

*Coty*



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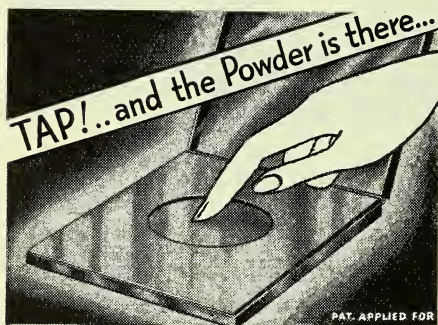
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*For the information of Pharmacists a booklet on dispensing technique "The Pharmacy of Penicillin" is available on request.*



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Box of 10 containing 25 mg.

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88/-	<b>80/6</b>

Linguets (*methyl testosterone*)

Bottle of 20 containing 5 mg.

20/-	<b>16/-</b>
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Ampoules (*progesterone*)

Box of 3 containing 5 mg.

10/3	<b>8/3</b>
------	------------

Linguets (*ethisterone*)

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### INCREASED DISCOUNTS

With effect from the same date the discount to the Retail Trade will be increased to 33 $\frac{1}{3}$ % on the above products as also on preparations of OVOCYCLIN and PERCORTEN



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## NEWS OF THE WEEK

**British Tar Confederation.**—Dr. T. Ford Butler, J.P., has been appointed chairman of the board of the British Tar Confederation, and Mr. A. E. Sylvester, chairman.

**London Chamber of Commerce.**—The retiring officers were elected at a meeting of the council of the London Chamber of Commerce (Incorporated), recently:—*Chairman*, Mr. G. F. Newton, M.B.E.; *Vice-chairman*, Major J. C. Poole, M.C.; *Treasurer*, Mr. R. W. R. Low, O.B.E., M.C.

**Sheep Dip Manufacturers.**—At the annual meeting of the Association of British Sheep Dip Manufacturers the following officers were elected: *Chairman*, Mr. W. M. Millan (Robert Young & Co., Ltd.); *Chairman*, Mr. D. Marshall (Osmond & Co., Ltd.); and *Treasurer*, Mr. V. G. (William Pearson, Ltd.).

**Pharmacology Chair Endowed.**—To endow a chair of pharmacology in the College of Pharmaceutical Society, the University of London has accepted £74,000 from the estate of the late Sir Henry Wellcome.

The present holder of the chair, which is to be known as the Wellcome Chair of Pharmacology, is Professor G. H. Buttle.

**Exhibition Selection Committees.**—The Council of Industrial Design announces that the following persons will act as selection panels (for commodities in the groups indicated) in connexion with the "Britain Can Make It" exhibition to be opened in London on September 24: Toilet requisites and fancy goods, James Laver, Anne Scott James and Mrs. Evelyn Forbes; packaging, Dr. G. L. Riddell, F.R.I.C., C.D.O. Pilkington Jackson, John Gloag and John Ryan.

**Priority Certificates for Thermos Flasks.**—Applications from Westmorland, Cumberland, Northumberland, Durham and the West Riding of Yorkshire should be addressed to the Board of Trade, Clarendon House, Clayton Street West, Newcastle-on-Tyne, instead of Watson House, Pilgrim Street. Applications from Lancashire and Cheshire should be addressed to the Board of Trade, 77-79 Fountain Street, Man-



chester, with the exception of the Merseyside area, which should be sent to the Board of Trade, Cunard Building, Liverpool. The notice amends previous instructions.

**Middlesbrough Whist Drive.**—The first post-war whist drive and dance of the Middlesbrough Pharmacists' Association was held recently. Mrs. Lazarus (wife of the chairman, Mr. S. Lazarus) distributed the prizes.

**Examinations Officer Appointed.**—Dr. Derrick Melville Dunlop (professor of therapeutics and clinical medicine, University of Edinburgh) has been appointed by the Privy Council as an officer to be present at the Pharmaceutical Society's examinations in Edinburgh.

**Burglary at Chemist's Shop.**—For the second time in six months thieves broke into the shop of Victor Latty, Ltd., chemists, 2 Temple Gate, Bristol. They ransacked the office, scattering records of dangerous drugs and prescriptions, but no money or stock was taken.

**Czechs Visit Penicillin Plant.**—Five Czech editors visited recently the surface-culture penicillin plant of Boots Pure Drug Co., Ltd., Nottingham, claimed to have been the largest of its kind in the world. They were among the last visitors to the factory, which, it is understood, is being closed down.

**Industrial Pest Control.**—At the annual meeting of the Industrial Pest Control Association the following officers were elected: *President*, Mr. A. F. McIntosh (Thomas Harley, Ltd.); *Vice-president*, Mr. G. McLaren (Haller Laboratories, Ltd.); and *Treasurer*, Mr. S. F. Sprange (London Fumigation Co., Ltd.).

**Soap Coupons.**—Coupons available during ration period No. 12 are the two upright pairs of small squares numbered K.45/46 and 47/48 on the large square No. 12. In ration books R.B.1 and R.B.4 the coupon numbered 45/46 is worth one ration and the coupon numbered 47/48 two rations of soap. The two whole coupons in ration book R.B.2 are each worth two rations of soap.

**Dutch Scientists' Visit.**—The laboratories of the Pharmaceutical Society are included in the programme of visits of Professor M. Van Eckelen (director of the Central Institute for Nutritional Research in Holland), and Professor B. C. P. Jansen (professor of biological chemistry, Amster-

dam), who are members of a delegation of Dutch scientists visiting this country under the auspices of the British Council.

**Mr. Steinman at Hanley.**—Mr. H. Steinman (chairman, National Pharmaceutical Union) spoke on the position of the retail chemist under the National Health Service, at the annual meeting of the Staffordshire Branch of the Pharmaceutical Society recently. Officers elected at the meeting were: *President*, Mr. H. E. D. Hackney; *Treasurer*, Mr. S. J. Hackney; *Secretary*, Mr. R. A. Hackney.

**Tees-side Activities.**—Over £15 was collected for the Pharmaceutical Society's Convalescent Home, Birdsgrove, near Mayfield, Derbyshire, by the Tees-side Branch recently from the disposal of parcels sent to the Branch as gifts from Australian pharmacists. Officers of the Branch recently elected are: *Chairman*, Mr. A. W. Harrison; *Vice-chairman*, Mr. S. A. Gamlen; *Secretary and Treasurer*, Mr. R. MacDonald Murray; *Assistant Secretary*, Mr. J. M. Langman; *Assistant Secretary*, Mr. T. R. Schofield.

**Retailers' National Conference.**—National Chamber of Trade, at a conference in Scarborough, decided to demand the elimination of purchases by retailers on tax-free until three months before the deduction is notified to the general public. It was decided that traders should not have to bear the loss of tax paid on stocks in hand. A resolution urging that one light per window should be allowed was adopted while a resolution calling for closing hours to be fixed statutorily at 6 p.m., with an evening per week at 7 p.m., was defeated.

**Microfilm Libraries.**—The scheme of the Royal Society of Medicine for serializing microfilms of medical periodicals and to replenish devastated medical libraries in Europe was welcomed by Mr. A. Bevan (Minister of Health), representatives of allied embassies, U.N.R.R., U.N.E.S.C.O., and the British Council conference in London recently. Mr. Bevan said that the scheme should continue as long as the supply of newsprint became normal. How long that would be he did not know, but the lack of newsprint was causing anxiety to all concerned in the dissemination of knowledge.

**First B.E.T.R.O. Annual Meeting.**—The first annual meeting of the British Export Trade Research Organisation was held

22, Mr. Ivor Cooper (chairman of the Council) presiding. In the course of his address, the chairman said: During this year the head office of B.E.T.R.O. has been opened and organised, and is running smoothly; staff, senior and junior, have been engaged and trained in their duties at home and overseas; two overseas branches have been opened, two more will be opened, and six others are being considered. Commercial intelligence is flowing from the head office and from there to members; research assignments are being carried out; a membership drive is in full swing; an important agreement has been concluded with the Board of Trade.

**West Ham Elections Resolution.**—A resolution "viewing with disfavour the attempt of the present [i.e. pre-election] Council of the Pharmaceutical Society to elect individual members not on the basis of support from propagating their views and in their endeavour to become Councillors of the Pharmaceutical Society," proposed by Mr. W. Able and seconded by Mr. A. B. Bleby, was passed *nem. con.* at the combined annual meetings of the West Ham Association of Pharmacists and the West Ham Branch of the Pharmaceutical Society held recently. The Branch during the year donated £50 to the Society's Benevolent Fund. The following officers were elected: *President of the Association and Chairman of the Branch*, Mr. R. L. Worth; *Vice-presidents*, Messrs. W. Able, and G. Harris; *Treasurer*, Mr. J. Reed; *General Secretary*, Mr. G. Robinson; *Social Secretary*, Mr. W. H. Cloud; *Association's Auditors*, Messrs. C. F. Ward and W. T. Graham; *Branch's Auditor*, Mr. G. A. Tocher.

**Presentation to Mr. J. F. McNeal.**—Mr. J. F. McNeal (a member of the Council of the Pharmaceutical Society, and a former secretary of the Harrow Branch) received a presentation at the annual meeting of the Branch recently, as a token of appreciation for his long service with the Branch. In a discussion on the National Health Service which followed, Mr. McNeal expressed the view that remuneration would be based on pharmaceutical salaries as paid at present, and not on the minimum rates as laid down in the J.I.C. scale. Later in the evening the following officers were elected: *Chairman*, Mr. J. M. Atkinson; *Vice-chairman*, Mr. R. Goode; *Treasurer*, Mr. F. Conduit; *Secretary*, Mr. H. W. Torri; *Deputy-secretary*, Miss D. I. Mon.

## IRISH NEWS

**Galway Students.**—A branch of the Representative Council of Pharmaceutical Students in Ireland has been formed in Galway under the title of the Galway Pharmaceutical Students Association. The officers are: *Chairman*, Mr. Gerard O'Neill; *Vice-chairman*, Miss M. Kivlehan; *Secretary*, Miss I. Hogan; *Treasurer*, Miss P. Salmon.

**Young Priests' Society.**—At a meeting of the pharmacy branch of the St. Joseph's Young Priests' Society recently, the following officers were elected:—*President*, Mr. M. Ryan; *Vice-president*, Mr. P. J. Molloy; *Treasurer (retail section)*, Mr. R. Timoney; *Secretary*, Mr. A. E. Holmes; *Treasurer (wholesale section)*, Mr. M. D. Walsh. Retail subscriptions should be sent to Mr. R. Timoney, 16 Bachelor's Walk, Dublin.

**Irish Golf Competitions.**—At the meeting of the Irish Chemists' Golfing Society at Dun Laoghaire recently competitions were held for trophies presented by Proprietaries (Eire), Ltd., and Harwood Bros., Ltd. In the first game, an 18-holes strokes, the results were as follows:—1, M. Fortune (20), 69; 2, T. J. Lynch (7), 69; 3, B. R. Smith (8), 69. In an 18-holes bogey competition which followed, the results were: 1, D. J. Bridgeman (14), all square; 2, B. R. Smith (8), all square; 3, M. J. Parkes (20), all square. Mr. A. W. Hughes captain, presided at the supper and presented the prizes. A vote of thanks to the donors of the prizes was proposed by Mr. Fortune, supported by Mr. Lynch, and responded to by Mr. Percy Harwood.

**Minister at President's Luncheon.**—The Northern Ireland Minister of Health and Local Government was the principal guest at a luncheon given by Mr. James McDowell (president of the Pharmaceutical Society of Northern Ireland) in Belfast recently. Members of the council and senior officials of the Ministries of Health and Home Affairs were among other guests present. In proposing "The Government of Northern Ireland" Mr. McDowell said that a little anxiety had been felt at the lack of information regarding the part pharmacists would be asked to play in the new health services. If pharmacy had been directly represented on the Medical Services Committee by a practising registered chemist close contact would have dispelled any doubts. They welcomed the announcement that all interested parties would be consulted before a scheme was produced.



## PERSONALITIES

PROFESSOR G. R. DE BEER, F.R.S., has been elected president of the Linnean Society.

SIR ERNEST POOLEY has been appointed chairman of the Arts Council of Great Britain.

SIR HENRY DALE, O.M., F.R.S., has been admitted an honorary member of the Worshipful Company of Salters.

MR. A. FLEMING, M.P.S., contributed an article on "Scientific Research" to the May 18 issue of the "Scottish Co-operator."

MR. ALISTER BROWN, M.P.S., 4 Gallowhill Road, Fraserburgh, and MR. ALEXANDER CARLAW, M.P.S., 40 Cross Street, have been returned in the triennial election of feuars managers at Fraserburgh.

MR. H. WALSH is a member of the negotiating committee of the Joint Committee on a National Pharmaceutical Service, in addition to those already announced (C. & D. May, 25, p. 655).

COUNCILLOR W. W. COCKER (principal of the Cocker chemical works, Oswaldtwistle, Accrington) has had the honorary degree of Master of Arts conferred on him by Manchester University in recognition of public services.

MR. A. G. ADAMSON, M.P.S., has given up work on the Kirkcaldy town council for health reasons. At a meeting of the council last week reference was made to the long and devoted service which Mr. Adamson has given to the burgh, first as councillor and for many years as treasurer.

MR. HUGH B. NISBET, D.Sc., Ph.D., F.R.I.C., has been appointed to fill a professorial vacancy in the chemistry department, Heriot-Watt College, Edinburgh. Mr. Nisbet has been lecturer in fuel technology in the chemistry department of the college since 1942, and previously was lecturer in chemistry from 1921.

MR. ARTHUR GORDON LOCK, M.P.S., a past-chairman of the Grimsby Branch, National Pharmaceutical Union, and a member of the Grimsby Borough Council, who has been chairman of the Grimsby Chamber of Trade for the past three years, has been nominated for the board of management of the National Chamber of Trade.

MISS H. J. TAYLOR (a daughter of Mr. A. L. Taylor, Ph.C., chief pharmacist at the Bristol Royal Infirmary) is resigning her post as secretary and almoner to the Bristol

Council of the Disabled in order to take a two-years' appointment with the Australian Red Cross Society, for which she organise rehabilitation in Australia from the almoner's standpoint.

MR. K. W. T. EDWARDS, M.P.S., this year's chairman of the Bristol Branch of the Pharmaceutical Society, takes over after a term as vice-chairman and four years as a member of the branch committee. Although his business is at 457 Southmead Road, Southmead, is a suburban and family character, Mr. Edwards is equipped with refrigerator, autoclave still and laboratory apparatus, and worked up a useful connexion in, for example, the making of ampoules. After an apprenticeship at the pharmacy of Victor Sadler, Minehead, he qualified in 1930 from the school of pharmacy of Merchant Venturers' Technical College, Bristol. Thereafter he had very valuable experience with J. A. Haynes & Parkstone, Dorset; Tylee & Cooper, Broom, Reid & Harris, Exeter; J. Purcell, Douglas, I.O.M.; and Vine & Froom, Aldersgate Street, London, E.C.1. He opened his own pharmacy at Southmead in 1938.

## BUSINESS CHANGES

MR. M. M. LOVE has been appointed Worcestershire County Analyst.

MR. C. S. CAMPBELL has been appointed Director of Fertilisers, Board of Trade.

D. T. EVANS, LTD., dispensing chemists, have acquired the business of V. J. Woods Ltd., 64 Ramsgate Road, Margate.

EX-LAX, LTD., Slough, Bucks, is now the sole address of this company, which has returned to its former premises. (Telephone: Slough 20327-28.)

MR. J. C. BLOOMFIELD, M.P.S., M.I. (London), has resumed control of the Royal Pharmacy, 248 Fratton Road, Portsmouth, after serving with the Royal Navy.

MR. H. STANLEY WELLS, Ph.C., Spalding, Yorks, has been appointed manager of the Rossington, Yorks, drug department of the Doncaster Co-operative Society Ltd.

WESTERN PHARMACEUTICALS, Ltd., wholesale chemists and druggists, Dongola Road, Bristol, 7, have taken over the business of W. E. Partridge & Co. at that address. The managing director is Mr. W. F. J. Bowerman, M.P.S.



## TOPICAL REFLECTIONS

### ding the Health Bill

o reports in your last week's issue (p. 650, 655) show that organised pharmacy acting to close quarters with the National Health Service Bill. The second issue reports deals with a businesslike handling of a considerable volume of detail : satisfactory to know that the moving of general amendments has been arranged. Appointment of representatives to serve a liaison committee with representatives of the British Medical Association is a wise move. Experience goes to show that as a pharmacy has to fight its own battles ; there are, none the less, occasions when the law and pharmacy can occupy common ground in shaping a parliamentary Bill. According to your report of the proceedings of the Standing Committee of the House of Commons on May 15 and 16, I find evidence of the same careful scrutiny of phrases and the same alertness in suggesting improvements. The remarks of Mr. Linstead and Mr. C. A. R. D. were typical of this attitude. The Government intends, apparently, to use the word "specialist" in defining the word "specialist" in regulations made in the recesses of the House of Commons. A search for a satisfactory definition of this species presents some difficulties. It will not suffice to cite the example of the elephant, and to say that we are not a specialist when we see one. As the word is used in many professions and industries, it may be as well to abandon it in speaking of medicine. In any case, the number of specialists recognised in the Health Bill will be limited in number.

### or —?

In the first editorial article on p. 661 you are regarding the present lack of interest in pharmaceutical politics : "Is this attitude due to apathy or have two-thirds of the pharmacists . . . deliberately divorced themselves from their own organisation and do not to take part in the election of the Executive?" The result of the recent Council election is, as usual, unsatisfactory. It records the choice of a minority. We are left without any knowledge of what the verdict of the remaining two-thirds of the electors would have been. Writing before the event, I expressed the view that in any circumstances fresh blood should be introduced at each Council election : my view was found support by the return of a new member, Mr. Granville Shaw, who was expected to manifest a practical and independent outlook. The annual

meeting of the Society (reported on p. 658) appears to have reverted to a familiar type. The attendance, it is understood, was small, the president conventional and the audience lethargic. Old members of the Society can testify to the normal features of many such occasions—the soothing monotony of the presidential utterance, the repetitive speeches of a few members, and the decorous applause. Mr. Young's comment on the Government's refusal to consider limitation of pharmaceutical units may lead to discussion if apathy is not too pronounced.

### "English Lozenges"

In the attractive account of the Tasmanian business of Messrs. Fairthorne (p. 654), an entry that makes a special appeal to readers on this side of the world is "English lozenges" in the founder's advertisement dated July 8, 1848. Does this expression refer to a proprietary article? The practice of launching a medicament with a place-name to give it distinction is well established. For obvious reasons it is wise to avoid modern instances ; but no difficulty attaches to cases taken from the seventeenth century. In "The London Gazette" of July 26–29, 1686, we read : "*Pilulae Londinenses* : Or, *The London Pills* ; May be had of the Author at his House in Winchester-street, London. . . ." Similarly, "The Flying Post" of May 18–20, 1699, had an advertisement of "The True Salt of *Epsom Water*," made and sold only by John Levington, an Epsom apothecary. (Grew had been granted a patent for Epsom salts in 1698.) Rochelle salt was, on the other hand, announced in this country in 1693 as "the Salt Polychrest of Messieurs Seignette of Rochel." Returning to lozenges, it is worth noting that among the earliest London advertisements on record are three relating to that form of medicament. The "*Mercurius Politicus*" of November 11–18, 1652, contained a recommendation of Edmond Buckworth's "famous *Lozenges* or *Pectorals*," obtainable "onely" at his house near the Tower and also from a bookseller in St. Paul's Churchyard. In 1655 the same or similar lozenges were recommended in another newspaper with the address of the vendor and an illustration of the coat of arms shown on the wrapper, but without name of maker or proprietor. A few years later the cough lozenges of John Piercy were on sale at several addresses:

**Xrayser**

## THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

In the Standing Committee on the National Health Service Bill on May 22, Mr. H. N. Linstead supported an amendment moved by Colonel Stoddart-Scott to provide that any specialists, even those outside the scheme, should be able to have the use of the national services and make arrangements to send their patients into the hospitals. Mr. Linstead said that it seemed to him that there was a stronger case here in regard to the independent specialists than in regard to the specialists who were partly in the scheme and partly out of it. As he understood it, two principles were conceded to patients under the scheme. One was to take part if they desired to do so, and secondly, to have complete freedom of choice of doctor. If the amendment, or something like it, was not conceded both principles would be abandoned.

Mr. Bevan replied that he could hardly be expected to provide an inducement to doctors and specialists to remain outside the scheme, which was what the amendment would do.

### Fertiliser Rationing

Mr. Dye asked the Minister of Agriculture on May 20 whether it was his intention to continue the rationing of fertilisers for next year's crop.

Mr. Tom Williams replied that he was not in a position at present to make a statement regarding the distribution of fertilisers for the 1946-47 season.

### Scarcity of Syringes in London

Mr. Battley asked the President of the Board of Trade if he was aware of the scarcity of hypodermic syringes, not only in Clapham but in London generally, and, as this was causing distress and danger to persons suffering from diabetes, if he would immediately make a larger allocation.

Mr. Wilmot, Minister of Supply: Yes. I have already arranged for increased supplies to be made available. Production has been stepped up and the position should improve rapidly.

### No Veterinary Penicillin Yet

Mr. W. Roberts asked the Minister of Agriculture what supplies of penicillin were available for the treatment of dairy cows. Mr. Tom Williams replied that there were sufficient supplies of penicillin

for approved research for veterinary purposes, but until the extent of the demand for human needs was known he was afraid it would not be possible to indicate what supplies would be available for the treatment of dairy cows generally.

### Prices of Sponges

Sir Ralph Glyn asked the President of the Board of Trade whether he was aware of the high prices now being charged for sponges, and the heavy drain caused as a consequence on hospital funds, and if he would explain this position and what steps he was taking to reduce the prices.

Mr. Belcher referred the question to a reply given on January 30 to the effect that sponges, being toilet requisites, came under the Prices of Goods Act, 1939, under which traders might not increase their prices for comparable articles above the level ruling at August 21, 1939, except to the extent of any reasonable increase in costs, and he had been advised by the Central Price Regulation Committee that closer control by means of a Maximum Prices Order would not be practicable.

### Government-sponsored Deaf Aid

On May 22 Mr. Touche asked the Minister of Health when the new deaf aid outfit would be available to the public and how supplies would be sold.

Mr. Bevan: As yet, we have only a blueprint, but we are pressing on arrangements for manufacture and distribution. There will be no avoidable delay, and I will make a further announcement as soon as I can.

Mr. Edward Evans: Before the Minister issues this appliance will he ensure that there are set up throughout the country facilities for the proper examination of people who are hard of hearing in order that they shall not be induced to part with money for hearing aids that are not suitable.

Mr. Bevan: I hope to make a number of arrangements; in the first place, for preventing the exploitation of this apparatus which has been produced by the Post Office and in which there ought to be no private enterprise interests at all; and next to provide facilities for the proper diagnosis of hearing difficulties so as to adjust the apparatus to the nature of the individual case.

## COMPANY NEWS

**A. HILL (WESTBOURNE), LTD. (P.C.).**—Capital £1,000. Chemists, etc. Directors named. R.O.: 4 Westbourne Grove, London, W.2.

**HELENS PHARMACY, LTD. (P.C.).**—Capital £1,000. Chemists, etc. Directors named. Secretary: W. W. Martin, Regent Street, London, W.1.

**DAVID GINN, LTD. (P.C.).**—Capital £100. Chemists and druggists, etc. David Ginn and Mary E. Dowson, directors. R.O.: Viewcroft Works, Shipley, Yorks.

**TAYLOR'S MEDICAL SUPPLIES, LTD. (P.C.).**—Capital £5,000. Chemists and druggists. Edward Taylor, M.P.S., and Allan Richard-M.P.S., directors. R.O.: 39 Albert Road, Morecambe and Heysham.

**RIEL PHARMACY, LTD. (P.C.).**—Registered in Belfast. Capital £4,000. Chemists, druggists, etc. William H. Boyd, James C., and Joseph Wellwood, directors. R.O.: 3 Ormeau Road, Belfast.

**ALVERDENE, LTD. (P.C.).**—Capital £100. Chemists, druggists, etc. Leslie Hiram Clough, and John Haythornthwaite, directors. R.O.: Central Chamber, Market Street, Nelson.

**LUKEMCO LABORATORIES, LTD. (P.C.).**—Capital £100. Manufacturing chemists, etc. Directors not named. Solicitors: Rhys Roberts & Co., 5 New Court, Lincoln's Inn, London, W.C.2.

**CREE (GREAT BRITAIN), LTD. (P.C.).**—Capital £100. Manufacturers of and dealers in chemicals, etc. Albert D. Hallett and Edgar W. Trotter, directors. R.O.: Cree House, Creechurch Lane, London, E.C.3.

**BRITISH VACUUM FLASK CO., LTD. (P.C.).**—Capital £20,000. Manufacturers of and dealers in vacuum flasks and containers, syringes, bottles, etc. Directors to be appointed. R.O.: 21 Copthall Avenue, London, E.C.2.

**ONICOL, LTD. (P.C.).**—Capital £100. Manufacturers, importers and exporters of all dealers in perfumes and toilet preparations, chemicals, etc. William G., and Rose Ruff, directors. R.O.: 130 Atkins Road, London, S.W.12.

**J. G. CORNFOOT (CHEMISTS), LTD. (P.C.).**—Capital £3,000. To acquire the business of chemists carried on by Thomas B. Cornfoot at 34 St. Peter's Street, Canterbury. Thomas B., and Frederick G. Cornfoot, directors. R.O.: As above.

**DURBINS CHEMISTS (RICHMOND), LTD. (P.C.).**—Capital £1,000. To acquire the goodwill of the branch business of chemists carried on by Durbins Chemists (Suburban), Ltd., at 38 Hill Street, Richmond, Surrey. Irwin G. Elford, Ph.C., director. R.O.: As above. [Corrected note.]

**MAY, ROBERTS (IRELAND), LTD.**—Directors recommend payment of a dividend of 15 per cent. on the ordinary shares, compared with 11 per cent. for the previous year.

**THE BRITISH DRUG HOUSES, LTD.**—Directors recommend payment of a dividend on the ordinary shares of 6 per cent. actual, less income tax, for the year ended December 31, 1945. Trading profit before taxation was £351,921, against £467,219 for 1944, and net profit for 1945 was £42,284 (£37,159).

**UNITED CHEMISTS' ASSOCIATION, LTD.**—Directors' report for the year ended March 30, records a disposable balance of £15,345. The following dividends are recommended: 15 per cent. on founders' shares; 10 per cent. on ordinary shares. The retiring director (Mr. G. V. Greenwood) offers himself for re-election.

## COMING EVENTS

### Monday, June 3

**WATFORD AND WEST HERTS BRANCH, NATIONAL PHARMACEUTICAL UNION, No. 2 Committee Room, Town Hall, Watford, at 7.30 p.m.** Inaugural meeting. Mr. R. H. Kemp (local organisations officer of the N.P.U.) on "The National Health Service and Other Matters."

### Tuesday, June 4

**HARROW BRANCH, PHARMACEUTICAL SOCIETY, Baptist Church Rooms, College Road, Harrow, at 7.15 p.m.** Dr. M. Wilson on "My Work as a Police Surgeon."

### Thursday, June 6

**CHEMICAL SOCIETY, AND OXFORD UNIVERSITY ALEMbic CLUB, Physical Chemistry Laboratory, South Parks Road, Oxford, at 2 p.m.** Discussion on "The Chemistry of Antibacterial Substances."

### Sunday, June 9

**MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Hathersage, Bretton Clough, Hope. Meet at Central station, 8.45 a.m.** Book Hathersage return.

**THE CORNWALL PHARMACEUTICAL COMMITTEE'S** meeting at Truro on Sunday, June 2 (see C. & D., May 25, p. 667) is open only to Cornish pharmacists. The restriction, states the secretary, is necessary owing to limited seating accommodation.



## BIRTHS

DICKSON.—At Millcraig, Girvan, on May 19, Janet, the wife of Maxwell Dickson, M.P.S., Girvan, of a daughter.

DUNCAN.—At Edinburgh on May 17, Rena, the wife of William Duncan, M.P.S., 29 Lauderdale Street, Edinburgh, of a son.

## MARRIAGE

BROOK-HARDWICK.—On May 22, John Llewellyn Brook, M.P.S., 175 Oxford Road, Burnley, Lancs, to Joyce Mary Hardwick, Burnley.

## DEATHS

BOLWELL.—On May 6, Mr. William Tanner Bolwell, M.P.S., Cornfield Cottage, Portsmouth Road, Ripley, Surrey, aged seventy-eight.

CARTWRIGHT.—On May 15, Mrs. Ruby Cartwright, wife of Sergeant T. S. Cartwright, M.P.S., 29 Ladymore Road, Bilston, Staffs.

EDWARDS.—On April 24, Mrs. Grace A. M. Edwards, wife of Mr. James Edwards, M.P.S., 22 North Road, Devonshire Park, Birkenhead.

JAMESON.—On May 16, after a short illness, Mr. William Douglas Jameson, M.P.S., Orebank, Cardenden, Fife. Mr. Jameson qualified in 1903.

ROLFE.—On May 24, after a short illness, Mr. Harry Rolfe, managing director of Philadelphus Jeyes & Co., Ltd., aged sixty-seven. Mr. Harry Rolfe qualified as a chemist and druggist in 1900. He joined Messrs. Jeyes in 1901 as manager, and, becoming managing director, remained with the company until his death. He was instrumental in forming the Northampton Branch of the Society in 1923, and was its secretary continuously until 1936; he occupied the office of president in 1939. He was secretary of the Northampton Pharmacists' Association for many years, and a member of the Northampton Pharmaceutical Committee from its formation until 1935. Mr. Rolfe was a prominent Freemason and was a Past Master of the Eleanor Cross Lodge. He leaves a widow, two sons (Mr. H. G. Rolfe, B.Sc., Ph.C., and Mr. N. H. Rolfe, M.P.S., a director of the company) and a daughter.

THOMSON.—At 3 Lanfine Road, Paisley, on May 20, Mr. William Thomson, formerly of Glasgow, aged seventy-five. Mr. Thomson qualified as a chemist and druggist in 1893.

## SHOPS ACT (N.I.) DISCUSS

A MEETING of the executive committee of the Ulster Chemists' Association was held on May 7. The secretary reported that he had written to Mr. F. A. Ferguson, Lurgan, expressing the committee's appreciation of his work and regretting that ill health prevented him from continuing as a member of the committee. Mr. W. McNabb, Ph.C., Lurgan, was unanimously adopted to fill the vacancy. The secretary reported that he had received several complaints from members that a manufacturer of proprietary medicine refused to supply bulk packages for pharmacist dispensing. It was decided that a letter should be sent to the manufacturer expressing the committee's attitude. The secretary stated that he had sent a letter to a member expressing the committee's view that the Ministry's offer of increased National Health Insurance dispensing should be accepted. He had notified the Ministry that the offer was accepted, that the Association maintained its view which had already been communicated to the Ministry.

### An Official Ruling

In discussing the new Shops Act (Northern Ireland), 1946, the secretary explained the official ruling was that chemists' shops must be closed on half-holidays and Sundays. This meant in effect that, although chemists could be in attendance on their premises, the door must be locked so that it could be opened only from the inside. Each person, before being admitted, must specify the article he wished to purchase, and, after being admitted, the door must again be locked. It was decided that a circular should be sent to all members, and that an informal meeting of the Committee should be held to discuss the implications of the Act and to consider the possibility of setting up night pharmacies in Belfast. The secretary reported that in discussion with the Ministry of Health he had been asked if the Ulster Chemists' Association would appoint a Standing Committee which could be consulted by the Ministry on matters of pharmaceutical interest. It was agreed that such a committee should be appointed at the next meeting.

### Associate Members

The following were elected as associate members: Messrs. J. A. McKeown, C. (assistant), V. T. Waite, Thomas E. W. J. Beck, S. T. McIlroy and J. R. McIlroy.

## TRADE NOTES

**Bonus Offer.**—Special bonus terms for products of Harcombe Cooper Sales, Ltd., Roundhay Grange, Dib Lane, Leeds, are available on application to the manufacturers.

**Reduced Prices.**—Price reductions and count increases on all sex-hormone preparations of Ciba, Ltd., The Laboratories, Sharncliffe, Sussex, take effect on June 1. Mails may be obtained from the manufacturers.

**Chemists-Opticians' Syllabus.**—Copies of new syllabus just issued by the Institute of Chemists-Opticians, 26 Grays Inn Chambers, 20 High Holborn, London, W.C.1, may be obtained from the registrar on application.

**Cosmetic Dentifrice.**—It is pointed out by the makers that Gordon-Moore's dentifrice (cosmetique) a crimson-coloured preparation which tints the gums, is available in Gordon-Moore's Dentifrice, 31 Sinclair Road, Kensington, London, W.14.

**For Immediate Delivery.**—Toilet rolls of 12 size are available to chemists to a maximum quantity of five gross for any customer from the Wokingham Crepe Paper Co. (Department H/I), 64 Eastpstead Road, Wokingham, Berks.

**Refining Mill.**—Chemists and others who would like to receive a description of the Boyd Minimill for refining pastes, ointments, and cosmetics, should write for Bulletin A.50 to the Boyd-Norman Manufacturing Corporation, 45 Fernshaw Road, Chelsea, London, S.W.10.

**V-day Preparation for V-day.**—Gedeon Richter (Gt. Britain), Ltd., 14 Weedington Road, London, N.W.5, announce that they are closing their premises early on Friday, June 7, to enable their staff to do their week-end shopping prior to the V-day celebrations.

**Insect-repellent Cream.**—An insect repellent of modern type is offered by Damancy & Co., Ltd., Harrow. The preparation, a cream presented in handy-sized tubes, is supplied in 1-dozen display outers with discounts on 6- and 12-dozen quantities. The speciality is included on the Chemists' Friends list.

**Liquid Mothicide.**—Described as "certain death to flies, moths and all insects," Lomoflas, a liquid preparation containing DDT and pyrethrum, is available from the manufacturers, Lewis (Import and Export), Ltd., 232 Great Portland Street, London, W.1. Prices may be obtained from the makers on request.

**Toilet Waters Again.**—Coty (England), Ltd., Coty House, 3 Stratford Place, London, W.1, announce that Coty lavender water and Four Seasons eau de Cologne are again available in limited quantities. Quota deliveries from the company will henceforth include supplies of these two preparations proportioned to orders for other Coty preparations.

**Anti-midge Lotion.**—Ashe Laboratories, Ltd., 120-22, Victoria Street, Westminster, London, S.W.1, are undertaking the manufacture of the Scottish Department of Health's anti-midge lotion. Supplies are expected to be available throughout Scotland from the beginning of June through Pharmaceutical Distributors, Ltd., 187 St. Vincent Street, Glasgow, C.2.

**Penicillin Preparations.**—Details of penicillin preparations available to chemists from June 1 under the distribution policy to which reference has recently been made in these columns (see also p.696) are given in announcements in this issue by Allen & Hanburys, Ltd., London, E.2; The British Drug Houses, Ltd., London, N.1; and Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), London.

**Whitsun Holidays.**—The London offices of Burroughs Wellcome & Co. will be closed on June 8 and 10; a skeleton staff will be in attendance at 12 Red Lion Square, W.C.1, on June 10, to deal with urgent orders. The offices and laboratories of Genatosan, Ltd., will also be closed on June 8 and 10; urgent requirements should be referred to John Bell & Cröyden, Wigmore Street, London, W.1.

**Increased Discounts.**—From June 1 the discounts allowed by Organon Laboratories, Ltd., Brettenham House, London, W.C.2, on Organon hormone products are increased to 33½ per cent., with corresponding increases to wholesalers. From the same date, price reductions take effect on a number of the company's products including Neo Hombreol testosterone propionate, Progesterol ethisterone, and Progestin-Organon progesterone. Credit for stocks already held by wholesalers on June 1 should be claimed.

### Proprietary Articles Trade Association

**Alterations to Protected List.**—Wm. R. Warner & Co., Ltd., Increased prices for dispensing packs, June 1:—Veganin tablets, 100's, 66s. doz., tax 11s. doz.; 500's, 300s. doz., tax, 50s. doz.



**'TRIAD' CHERRY** Flavoured **MALT & OIL**

**COLD CURE CAPSULES**

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Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Scotland and of other Chemists' Societies in the Empire

CXLV JUNE 1, 1946 NO. 3460

## Owner-pharmacists' Quarter-century

The independent proprietor pharmacists will this week celebrate the twenty-fifth anniversary of the foundation of their own exclusive organisation: the National Pharmaceutical Union. On May 29 (too late, unfortunately, for a report to be included in this week's issue of the *C. & D.*) a commemorative banquet was held in London.

An important and happy element in the proceedings was the presentation of a unique, illuminated album and album of signatures, to Mr. G. A. Mallinson, the Secretary of the N.P.U. since its foundation. The name of Mr. Mallinson will be held in honour for as long as the Union—and, indeed, pharmacy itself—continues to exist. He looks through the illuminated album of signatures the "father" of the N.P.U. may reflect with pride that his

endeavours on behalf of his pharmaceutical colleagues have been rewarded not only with many material successes, but with the grateful appreciation of a membership comprising 93 per cent. of eligible pharmacists. It was auspicious, too, that the toast of the Union was proposed by Mr. Arthur Mortimer, whose name was for long associated with the Wholesale Drug Trade Association that he may be regarded as the spokesman of the wholesale trade in its felicitous task.

Birthday celebrations are more usually arranged, perhaps, in the coming-of-age year of an organisation than at the twenty-fifth milestone, but it will be appreciated,

of course, that no festivities were practicable in 1942, and the present occasion is effectively the first post-war opportunity. On other pages we have endeavoured to present a complete picture of the Union's origin, growth and development, and especially to establish its relationship to pharmacy as a whole. To many, the record will unfold familiar facts, though it may serve to awaken a legitimate pride. There are probably others, however, including those who have arrived later on the scene, to whom the origins and policies of the N.P.U. are only partly known and understood. For these the story should prove as profitable as we have tried to make it pleasurable. They will, at all events, be left in no doubt why the organisation has been held in such loyalty and affection by its original members. They will realise, too, why we have considered it legitimate to trace back the origins of the Union beyond its formal establishment twenty-five years ago to certain effects of the National Health Insurance Act of 1911.

The analogy between conditions at that time and those which face pharmacists today, at the outset of a comprehensive National Health Service, will be apparent. How much better pharmacists are organised to meet them may, however, be emphasised. A strong and confident N.P.U. to take a hand in the coming negotiations is a guarantee that, this time, there will be nothing in the nature of a "discounting clause." Even employee and hospital pharmacists stand to gain by any pressure the Union may exert to secure satisfactory conditions for contractors. All sections of the craft, in fact, may join wholeheartedly in congratulating the Union on its past record and in wishing it an expanding usefulness throughout the second quarter-century of its career.

## Common Cold Research

A "Common Cold Research Unit" is being established by the Medical Research Council and Ministry of Health, and will start work in July. It will be housed at the Harvard Hospital, near Salisbury. A recent statement issued by the Ministry of Health and the Medical Research Council says that the problem of the common cold is a particularly complex one, made more difficult

because, apart from chimpanzees, which are unsatisfactory for experimental purposes, it has not yet proved possible to study it in animals.

Progress towards the discovery of effective means of preventing a number of other diseases has not been made until some way of observing the disease in animals became available. For example, an effective vaccine against yellow fever became possible only when rhesus monkeys, and later mice, were found to be susceptible to the virus of the disease. Similarly, not until it was discovered that ferrets were susceptible to influenza virus was any progress made with the study of influenza. Therefore, the first objective on the present investigations into the common cold is to find a susceptible animal or, better still, some other laboratory technique which will permit a scientific approach to the problem.

#### Study of Cold-producing Materials

As a check on their laboratory studies, workers at the National Institute of Medical Research will, at least for the time being, require to test on human volunteers the cold-producing activities of materials they are studying. The volunteers will for the time being be drawn from men and women students at the universities. First they will be isolated until it is certain that they are free from infection. Then, after a few days' quarantine, their noses will be sprayed with material to ascertain whether or not it contains a virus. While these observations are being made—for a period of ten to fourteen days in all—the volunteers will be out of contact with the outside world and each other except that, to obviate the boredom of solitary confinement, they will normally live together in pairs. Volunteers are already being recruited from among university students. They have to be carefully selected, because special qualities are needed and an exact discipline must be maintained. For this reason the Medical Research Council is selecting its own recruits, and applications from other sources cannot be entertained. Progress towards the solution of the many problems which face the medical scientists undertaking this research work is likely to be slow, and it would be unwise to expect any spectacular advance, at any rate in the near future.

#### British Trade with Egypt

ONE of the strongest points made in the Report of the British Goodwill Mission to Egypt (H.M. Stationery Office, price sixpence) concerns the alleged inadequacy of British publicity in that country. It appears that criticism comes from Egyptians themselves, who told the Mission that "British catalogues and price lists are insufficiently clear" and that "business concerns from other countries offer detailed information supplied in a persuasive manner that made British catalogues appear and indifferent by comparison." This criticism, if it is justified (the Mission does not accept it to the extent suggested), may be due to a tendency on the part of British manufacturers to under-estimate the importance of skilful presentation and suaveness in the preparation of advertising material for overseas markets. The Mission suggests that the criticism appears to show that more care is desirable in the preparation of catalogues with advertising and sales appeal. With regard to local advertising the criticism is made that British firms "expect the goods to do the advertising." It was stressed that British firms should make an appropriation for local advertising to which the agent should contribute.

The Report has a good deal to say on the question of representation of British manufacturers in Egypt. For example, it was represented to the Mission that, all things being equal, agencies should be placed with British or Egyptian agents, and the Mission's own view is that the arrangement of a British agent, with an Egyptian associate, is worthy of consideration. It is recommended that every British firm which has agents in Egypt should at this time review their agency arrangements. Principals of British firms, it is suggested, should visit Egypt frequently to gain first-hand information of the country's needs and to inform their agents of new lines and new policies.

The Mission recommends that full consideration be given at once to the establishment of a British trade centre at Cairo, with a branch at Alexandria. The Report also deals with questions affecting Anglo-Egyptian trade and is worthy of the closest study by British manufacturers.

Unique among trade bodies for the range of its activities, the strength of its membership, and its success in negotiation, the NATIONAL PHARMACEUTICAL UNION of independent proprietor pharmacists this year celebrates the SILVER JUBILEE of its foundation. Its story is told below in an imaginary dialogue between business partners.

1921

NPU

1946

"YOU know," said the junior partner in Bellenger & Son, chemists, Pestlehaven, "when you retire next year, I've a good mind to cut out my annual subscription to the National Pharmaceutical Union."

"You'll what?" gasped the founder of the business, momentarily at a loss for an adequate reply."

"Cut out the sub. to the N.P.U. It's a very well for you pharmacists of the school to join these get-together societies, but business these post-war days is very much an affair of pounds, shillings and pence. There isn't time for all these meetings and membership subscriptions. Besides, the business can't afford it. Think of it must have cost already. You must have been paying out for donkeys' years."

#### Celebrations in Progress

Twenty-five, to be precise. Twenty-five this year—in fact, the Silver Jubilee celebrations are taking place this very month. But don't let me interrupt. I don't think you'd quite finished what you were going to say."

"Well, to my mind all these subscriptions ought to go out with hospital appeals and so on days. They just don't belong in the nineteen-forties. Besides, we shall soon have a National Health Service. We already have to pay to be members of the Pharmaceutical Society, and statutory fees for registration of premises. That ought to be enough."

"You're sure that's all?"

"I think so. No, wait a minute. It's a very well for these guys sitting in office chairs to attempt to run our businesses, but what do they know of our problems?"

"Well, now, if you've finished, I have a few things to say. First, if I didn't know that it takes intelligence and mental effort to qualify—perhaps even more today than in my day—I should be writing you off now as rather a nit-wit, son of mine though you are. In fact, if I really thought that what you have just said was your considered judgment, I should be quite happy to clear out and leave you to find out for yourself the realities of running a business, and come up against the sort of snags I encountered in my early days. However, I'm not going to do that. My difficulties were all too keenly felt to let me walk out on you like that. On the other hand, I just can't allow you to get away with some of the utterly fallacious arguments you have been putting forward, especially as I consider myself in some degree responsible for your ignorance. I gave you a good training in pharmacy. I see now that I ought to have initiated you into some of the tragedies of the business as well as the mysteries of the craft."

"Tragedies?" said Bellenger junior. "Aren't you pitching it a trifle high?"

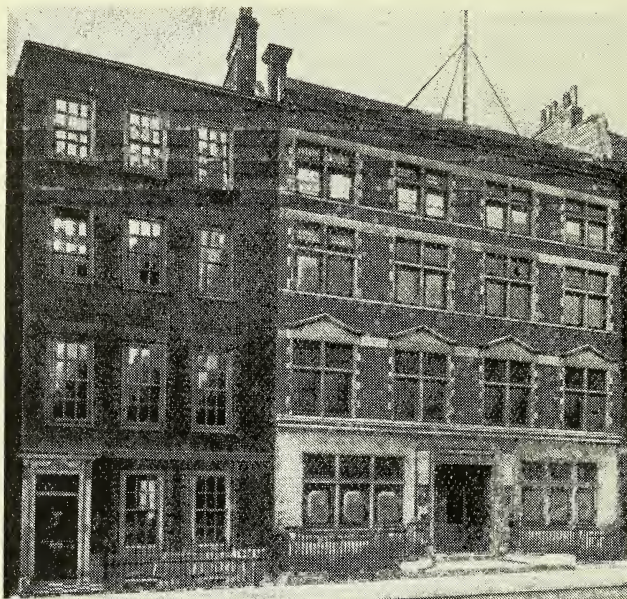
"You shall judge for yourself, when you've heard about some of them."

"Go ahead. As a matter of fact, I've often speculated about your early days in business."

"I can see I should have said more about them. Sometimes I think it's a miracle I survived. . . . But wait a moment while I get out some of my old correspondence and papers."

Bellenger senior went into his office behind the shop and was presently back upstairs in the lounge with a pile of papers. He lit his pipe and began.





1926. The Union settles in a permanent home and headquarters in two old Queen Anne residences, suitably refronted, at 4-5 Queen Square, London, W.C.1.

"In the early days I certainly had a packet of trouble. I hadn't been long in business when a customer tripped over a trap-door and I had to pay out £10 for injuries. You can guess that, at a time when I was living almost a hand-to-mouth existence, a settlement like that was quite a set-back. Next I had to pay out on account of trouble to a lady's hair caused by a proprietary preparation that I sold—mind you, in perfect good faith. Another time a comb with a broken tooth caused a gash in another customer's head; it turned septic and I was held responsible. Then an errand-boy ran his bike into a horse, started a stampede, and quite a few people were injured. Again I had to fork out."

"By gad, you must have had a time. But surely your bad luck must have been exceptional. Things don't happen that way in every new business?"

"I certainly had my share of misfortunes, far more than I can go into now. I've just picked out a few as examples. But nobody in business escapes such troubles entirely. For myself, I certainly shouldn't have survived if it hadn't been for the Chemists' Defence Association."

"Ah! The C.D.A. But we were talking about the N.P.U. When you set up in

business the N. J. wasn't even in existence."

"True. The C. A. is much older—it was founded actually in 1844. But when the N.P.U. rather the R.P.U. as it was at first, was founded, the C.D.A. merged into it, with a single subscription covering both bodies. So you see that, by putting out your N.P.U. subscription, you will be losing the C.D.A. benefits too."

"I see. Well, you've proved it's worth being a member of N.P.U. for the sake of the advantage of belonging to Chemists' Defence Association."

"That's only reason. I've only begun. It's true that the C.D.A. saved me more in actual cash than the total of the N.P.U. subscription for whole twenty-five years. But the N.P.U. in its other activities has also paid my subscription many times over since I joined and I should have been financially much worse off if I hadn't been a member."

"How, exactly?"

#### What the N.P.U. Offers

"Well, let's take a look at this N.P.U. prospectus, and see what the Union offers. Item, FREE LEGAL ADVICE. I think I said enough to convince you how important that has been to me. Item, STOCKPRICING. Quite early on I went to the N.P.U. to assist me in pricing my stock, and they did the whole thing for me with absolute accuracy and fairness. Perhaps I could have done the job myself. But was it worth my while? By passing it over to the N.P.U. I was able to concentrate on more profitable work. Item, DEBT COLLECTION. I've saved myself more than a few bad debts there. I can recall one or two quite substantial amounts that I had more or less given up hope of recovering, but the N.P.U. did the trick. Our friends at Queen Square know the ropes, believe me. What is more, the name of a tradesbody at the head of a letter seems to carry

weight with  
 a factor than an  
 ordinary business  
 heading of  
 its own. Of  
 course it wasn't  
 for nothing,  
 but the only charge  
 was a fee of 1s. 6d.  
 for each debt col-  
 lection and 5 per  
 cent of the sum  
 recovered. Item,  
 TRADE MARKS  
 REGISTRATION.  
 For £4 10s. (now  
 £5) the N.P.U. re-  
 gistered our Vale-  
 rian brand name,  
 doing everything  
 necessary. Item,  
 INSURANCES. All  
 the insurances of  
 the business go  
 through the N.P.U.  
 —e, loss of pro-  
 fit, employers' li-  
 ability, burglary,  
 plate glass, and the  
 rest. The pre-  
 miums are less than

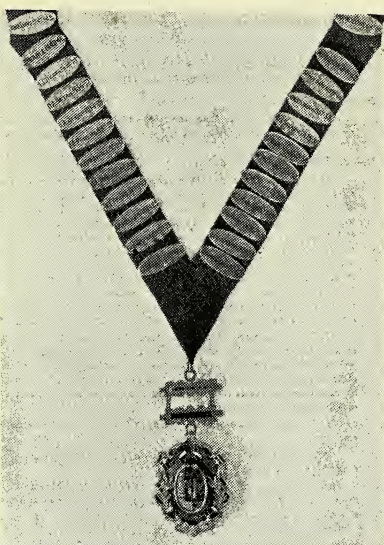
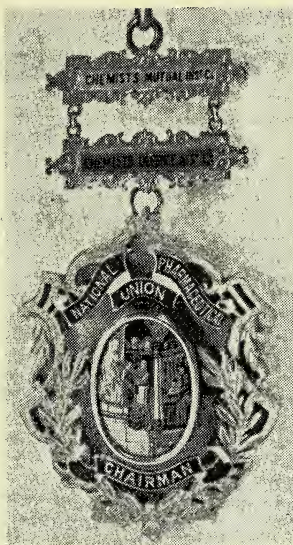
those of outside companies, and all the profits on  
 insurance business go back to members in  
 periodic bonuses. Theoretically, of  
 course, this is done by a different organisa-  
 tion—the Chemists' Mutual Insurance Co.,  
 Ltd., founded in 1922, but for practical  
 purposes we may consider it, like the  
 Chemists' Sickness and Provident Society  
 (founded 1928), all part of the N.P.U."

### "Most Embarrassing" Success

It seems to me the N.P.U. covers a  
 great deal of ground."

It certainly does. There's another  
 side that saves members pounds and  
 pence as well as hours and hours of work."  
 "What's that?"

THE CLEARING-HOUSE. Under the  
 clearing-house system, wholesalers' accounts  
 with some thousands of chemists are settled  
 once over-all transaction each month by  
 N.P.U. cheque. The clearing-house was  
 inaugurated in 1935. Two thousand mem-  
 bers joined at once and the scheme was an  
 "most embarrassing success," according  
 to a report that appeared in the *C. & D.*  
 at the time. I can certainly vouch for  
 the value of the scheme to this business.  
 Within three years my bank charges went  
 down and I had saved more than my whole



1928. To give greater dignity and formality to its proceedings, "an anonymous donor" (now revealed to be Mr. H. J. Martin, a pharmacist in retirement at Christchurch) presents the N.P.U. with a chairman's badge, handsomely finished in enamels and gilt. Each year the current chairman's name is added to the sequence of gilded ovals attached to the blue ribbon by which the badge is suspended. Later a gold chain is to be substituted for the ribbon.

subscription to the N.P.U. And don't forget that the N.P.U. brought in the Chemists' Friends scheme."

"Yes, I must certainly give them full marks for that idea. Are there any other N.P.U. activities?"

"Yes. In fact, the most recent one of all should interest you particularly. It's the Business Purchase and Guarantee Fund. That's a fund to help pharmacists to buy businesses that come into the market so that they don't all go to the multiples. You must realise that, without plenty of other independent businesses, your ability to compete with the multiples would be very much hampered."

"Yes, we've got to stick together. But you must just about have exhausted the activities of the N.P.U."

"Not quite. I've still to mention one of the most important of them."

"What's that?"

"NATIONAL HEALTH INSURANCE. The N.P.U. negotiates terms, checks pricing and generally looks after chemists' business interests in this most important field. When the N.P.U. took over, the Drug Fund was a bankrupt fund. It was really N.H.I. which brought the N.P.U. into existence, but I shall have more to say



## Draft Constitution and Rules of a Pharmaceutical Union.

### A.—TITLE.

The title of the organisation to be "THE RETAIL PHARMACISTS' UNION," sub-title "A Union of Retail Employer Chemists for the Protection of Trade Interests."

### B.—CONSTITUTION.

The Union shall consist of members who shall be grouped through local Committees in electoral groups or divisions, and paying an inclusive subscription direct to headquarters.

### C.—OBJECTS.

(1) To exercise all or any of the functions of a trade union or employers' association of persons who carry on the business of chemists and druggists on their own account, either alone or in partnership, and of joint stock companies lawfully carrying on those businesses, and to do all things necessary for the protection of those carrying on the said businesses, and in particular to take measures to regulate the hours of business of persons and companies carrying on those businesses, to regulate wages and conditions of employment as between masters and servants in the said business, to regulate the prices at and the conditions under which chemists and druggists shall sell their goods, the provision of benefits (sick and other) for members, the imposition of restrictive conditions on the conduct of the business of a chemist and druggist, and the doing of all things likely to be conducive to the interests of chemists and druggists, and to maintain and promote for the drug trade or industry an industrial council, trade board, or other similar organisation, and to secure representation for chemists and druggists thereon.

(2) To act as a representative organisation of pharmaceutical chemists and druggists in all matters coming under the National Insurance Acts or any statutory amendment, extension, or re-enactment thereof, and in connection therewith to check prices, audit accounts, prior prescriptions, conduct negotiations, collect information, give advice, enter into agreements with local committees for doing all or any of the above, and generally to do all things necessary to preserve and promote the interests of chemists and druggists in connection therewith.

(3) To provide and maintain an employment register and a register of unsatisfactory or undesirable employees.

(4) To act generally as a representative organisation of pharmaceutical chemists and chemists and druggists in all matters connected with the trade.

(5) To protect the members of the Union against all persons whose characters or circumstances render them unworthy of mercantile credit, and to facilitate the prompt and economical realisation of the estates of bankrupts and persons making or seeking to make arrangements or compositions with their creditors.

(6) To diffuse information as to sound principles of trading, and to impress upon the mercantile community the necessity of maintaining an intimate knowledge of the state of their affairs by periodical investigations and by keeping correct sets of business books.

(7) To procure information for members as to the standing and responsibility of parties with whom they intend to or may transact business.

(8) To concert with Chambers of Commerce and other mercantile and public bodies throughout the United Kingdom, and promote measures for the protection of trade and traders.

(9) To originate and support, oppose, consider, and criticise alterations or improvements proposed or enacted in the commercial or other laws (including regulations and bye-laws) affecting members of the Union in connection with their businesses.

(10) To promote and assist in the formation of local or branch Associations, whether incorporated or not, having objects altogether or in part similar to those of this Union, and to co-operate with such local or branch Associations in fulfilling those objects.

(11) To subscribe to, become a member of, and co-operate with any other Association or similar body, whether incorporated or not, whose objects are altogether or in part similar to those of this Union, and to procure from and communicate to any such Association such information as may be likely to forward the objects of this Union.

(12) To borrow or raise or secure the payment of money in such manner as the Union shall think fit.

ORIGINAL DRAFT CONSTITUTION AND RULES of "A Pharmaceutical Union." The draft comprises sections dealing with title, constitution, objects (fourteen paragraphs, twelve seen in reduced facsimile above, remainder on reverse side of foolscap circular), membership, executive committee, divisions or electoral groups, local committees, subscription and voting power. The figure mentioned as subscription is 30s. in respect of each shop within an area covered by the Checking Bureau scheme, the subscription to include subscriptions to Proprietary Articles Trade Association and Chemists' Defence Association.

## FLASHBACK TO TODAY

CDA · CMIC

## NATIONAL PHARMACEUTICAL UNION

### The RETAIL PHARMACISTS' UNION

IS A UNION OF RETAIL PROPRIETOR PHARMACISTS FOR THE PROTECTION OF TRADE INTERESTS

Are you a Member? If not, will you join?  
It is your Union!

The R.P.U. (which is a successor of the C.D.A. and the P.A.T.A.) is a national union of retail proprietors, who have secured an official recognition from the Government and are now a powerful organisation for the protection of their interests.

The R.P.U. is a powerful organisation, because it has powerful representatives in all the great centres of the country.

The R.P.U. has no members who are not in the business of retail pharmacy, and therefore it is able to represent the interests of all retail pharmacists.

The R.P.U. will provide complete insurance, and a pension scheme, and will also provide a fund for the relief of members in need.

The R.P.U. manages through the C.D.A. and the P.A.T.A. all the business of the Union, and therefore you can rely on the R.P.U. to do all that is necessary for the protection of your interests.

The R.P.U. will provide you with a business service which you can rely on to do all that is necessary for the protection of your interests.

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AN EARLY C. & D. ADVERTISEMENT (Feb. 1921) setting forth the advantages of membership in the Retail Pharmacists' Union. "Membership prove you want a strong organisation." Today, of eligible pharmacists are members of the Pharmaceutical Union. The change of title to by resolution on July 1, 1932.

PRIDE OF ITS MEMBERS • ENVY OF LESS ORGANISED



# DAYS OF THE

CSPS · CFA

# TICAL UNION

## THE Retail Pharmacists' Union

A trade organisation Pharmacists have been asking for,  
every Pharmacist in business should be a member.

ARE YOU A MEMBER?

Strength. Progress.  
THE  
**R.P.U.**  
WILL GIVE YOU  
Assistance. Advice.

tion is absolutely democratic, and the members have  
Territorial representation and a Referendum are  
is a live, up-to-date organisation. There are  
more than 10,000 Pharmacists in business for themselves.

IT UNTIL YOU HAVE TO BE MEMBER

No. 8,999  
US YOUR SUPPORT NOW!

PHARMACISTS' UNION,  
113, Temple Chambers,  
Temple Avenue, E.C.4.  
G. A. MALLINSON,  
Secretary.

## THE Retail Pharmacists' Union

A Union of Retail Proprietor Pharmacists for the protection of trade interests.

113, Temple Chambers, Temple Avenue, London, E.C.4.

Secretary—G. A. MALLINSON.

YOU are invited to send **NOMINATIONS** for the first Election of the

### EXECUTIVE COMMITTEE.

The last day for receiving Nominations is March 10th.

Extracts from Rules, re:—

Territorial Election of the Committee.

#### Rule 36.

36. The Executive Committee shall consist of not more than twenty-one elected members, not more than three of whom are to be elected for each electoral section of the Union.

#### Rule 38.

38. The Executive Committee shall be elected on a territorial basis, a member of the Union casting in any section only as many votes as he has shillings situated in that section for which he has paid a current subscription.

#### Rule 39.

39. The members elected to the Executive Committee by each electoral section, shall include at least one general pharmacist, and all such members must be engaged in retail business. Nominations for election to the Executive Committee shall be signed by a member of the Union and must be countersigned by the nominee as his consent to allow his name to go forward for election. The decision of the Executive Committee as to whether any member or candidate for membership is actually engaged in retail business shall be final and binding upon all members of the Union. A member may be elected for any electoral section but may not be a candidate for more than one electoral section at the same election.

#### Rule 57.

57. There shall be six electoral sections in England and Wales. Each section shall be a separate unit for voting purposes, and members shall vote in their own section only.

### ELECTORAL SECTIONS.

The following are the six Electoral Sections:—

- (1) **Metropolitan** .... London, Middlesex, Surrey and West Ham.
- (2) **West** .... Wales, Herefordshire, Shropshire, Staffordshire, Warwickshire and Worcestershire.
- (3) **South** .... Berkshire, Cornwall, Devon, Dorset, Gloucestershire, Hants, Kent, Somerset, Sussex and Wiltshire.
- (4) **North-East** .... Durham, Northumberland and Yorkshire.
- (5) **North-West** .... Cheshire, Cumberland, Lancashire and Westmorland.
- (6) **Central** .... Bedfordshire, Buckinghamshire, Cambridgeshire, Derbyshire, Essex, Herefordshire, Huntingdonshire, Leicestershire, Lincs., Norfolk, Northamptonshire, Nottinghamshire, Oxfordshire, Rutland and Suffolk.

Each Section will elect three members of the Executive Committee, one of the three must be a Panel Chemist.

Nominations for each Section may be made only by members in that Section.

A candidate can stand for election in one Section only.

You can nominate any member of the Union as a candidate for your Section, whether he is in business in your Section or not.

You can nominate more than one candidate for your Section.

You must secure the candidate's acceptance of nomination.

See 1321.

**NOMINATION FORM FOR FIRST ELECTION OF EXECUTIVE COMMITTEE.**—After quoting three rules governing territorial election, the form enumerates the six electoral areas, gives eight "hints to non-members" and concludes with the nomination paper proper, with appropriate formulas of nomination and acceptance. An unusual provision is that the forms may be completed and returned with applications for membership.

ER APPEAL FOR MEMBERSHIP.—At the time  
ured (1921) there were approximately 9,000  
lists in business for themselves. They were told  
L.P.U. will give you Unity, Strength, Progress,  
Assistance, Advice." How well these promises  
kept is evident from congratulatory messages  
by members

**MEMBERS • ADMINISTRATION OF PHARMACISTS OVERSEAS**

about that presently. One other point. The N.P.U. acts as a negotiating body with Government departments and other trade bodies. It provides the independent employers' part of the employers' side of the Joint Industrial Council for Retail Pharmacy, and represents proprietor pharmacists on the Central Pharmaceutical War Committee, the Joint Committee on a National Pharmaceutical Service, the Drug Trade Council, National Chamber of Trade, Retail Distributive Trades Council, Council of Retail Distributors, Early Closing Association and other bodies. During the war it set up the Air-raid Mutual Assistance and War Distress Funds, and although this business of ours was fortunately not one of those that had to draw on those funds for help, there are plenty of chemists for whom the N.P.U. help has meant the difference between survival and disaster. Then there is the wide field of work which the N.P.U. has undertaken in securing improved terms from manufacturers. By its very existence as an organised force the N.P.U. has compelled manufacturers to consider chemists' reaction to their proposed trade terms and business policy. The financial return to members on this score alone must amount to some hundreds of thousands of pounds a year. A final point. The N.P.U. saved me from losing a test case. I had bought some olive oil that appeared to me from the

establish that it was, in fact, an entirely pure and pharmaceutically satisfactory product. Alone, I would probably have been unsuccessful."

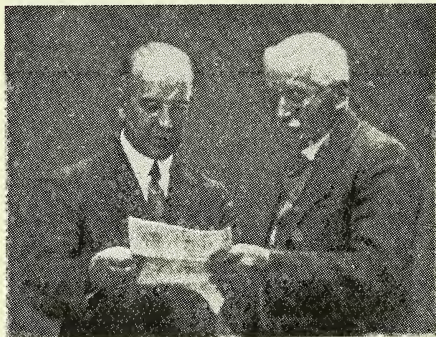
"I still don't see why we need a separate organisation for all this. Why can't we get it all in our annual subscription to the Society?"

### The Jenkin Case Retold

"Ah, now there I'll have to take you a little into history and say a few words about the Charter of the Society and the famous Jenkin case. There was a time when the Society did engage to some extent in business activities, but was compelled to abandon them. It came about like this. In 1911 the Pharmaceutical Society decided to organise and develop the local pharmacists' associations then in existence—none of them, however, more or less moribund. Mr. W. J. U. Woolcock, who later became the secretary of the Society, was appointed Local Organisations Officer, a Local Organisations Committee was formed, and an annual conference was proposed. It was further suggested, as the C. & D. reported in 1912 (L. 232) that it might be found desirable to add to the duties of the organising committee of local Associations the selection of pharmaceutical committees on National Health Insurance, 'to do such collective bargaining as may be requisite with the Statutory Insurance Committees set up in the locality.'

The same year (1911) the National Health Insurance Act was passed. A curious feature, fortunately long since corrected as a result of efforts of the N.P.U., was that chemists' accounts were only paid in full if there was sufficient money in the Drug Fund to permit this, and were to be discounted if there were any deficits. In Manchester, the panel doctors refused to work on the normal system of capitation fees established by the Act, but paid their fees and paid their members on an attendance basis. To provide evidence of attendance, the doctors fell into the habit of issuing a prescription on each visit, and the local Drug Fund soon became hopelessly overspent. Manchester chemists found due course, that they were receiving only 60 per cent. of their dispensing charges. As might be expected, they took strong exception to this.

Through the efforts of some of its members, and particularly of a young chemist (Mr. G. A. Mallinson) who was at that time in business at Withington, the Manchester Pharmaceutical Association had, on



1932. Prior to the first conference held under the auspices of the Union, the secretary (Mr. G. A. Mallinson) studies the agenda with the chairman for the year (Mr. F. D. Phillips).

sample to be of excellent quality, but the local Insurance Committee thought otherwise. In point of fact my sample proved to have come from what was then a new source: Tunis. The oil was different in some characteristics from Italian and Spanish oils, but the N.P.U. was able to

time previously, been overhauled and revised. As part of the process, Mr. Mallinson had been appointed its secretary. Therefore, the Association decided to take proceedings against the medical alleging over-prescribing, it fell to Mallinson to prepare the claim. This was with consummate skill, and when the was energetically argued before the National Health Insurance Commissioners in London, the Commissioners were much impressed. Manchester chemists were commended on the manner in which they had discharged their duties under the Act, and a claim, amounting to between £3,000 and £4,000, was passed.

Attempting to success the claims of Manchester chemists, Mr. Mallinson had acquired intimate acquaintance with the new man, such as probably no pharmacist in the country could surpass, and overtures were made to him to take over the handling, on behalf of the Pharmaceutical Society, of all matters relating to National Health Insurance for the whole of the country. For a time Mr. Mallinson turned a deaf ear to these proposals, which involved considerable financial sacrifice (since the Society could hardly be expected to offer a salary comparable with the returns from his own business). Eventually, however, the scheme prevailed. The successful advocacy of Manchester's claims agreed to champion the interests of chemists throughout the country, and on January 1, 1916, took up work at Bloomsbury Square under the title Superintendent of the N.H.I. Department. Three years later he became assistant secretary of the Society.

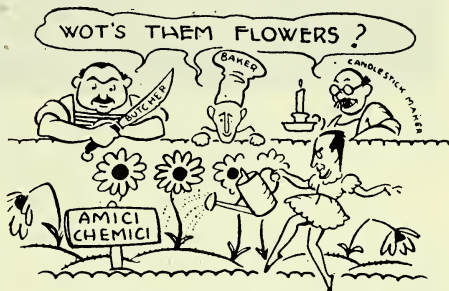
### Winding of Charter

It is clear that the Pharmaceutical Society at that time, through its N.H.I. Department, was handling, for some of its members, affairs that were definitely of a business character. You have been asking this evening why all such business matters could not be dealt with by the Society. Yet, in those days a section of the membership of the Society was arguing strongly that, in doing even so much, the Society was exceeding its powers under the Charter of incorporation. The wording of the relevant section of the Charter—just as it is now—was:—

For the purpose of advancing chemistry and pharmacy and promoting a uniform system of education of those who should practice the same, and also for the protection of those who carry on the business of chemists and druggists.

Another objection raised against the work of the N.H.I. department of the Society was that, in acting for contractor pharmacists in insurance matters, it was using funds paid by the membership as a whole for a purpose that benefited only one group (though a large one), and taking part in negotiations that closely touched the financial interests of another group, namely the employed pharmacists.

At the suggestion, later, of an extension of these activities by formation of an Industrial Council, the matter came to a



### FLEURS DE MALLINSON

1935. The Chemists' Friends scheme is launched. A C. & D. cartoonist comments on the development.

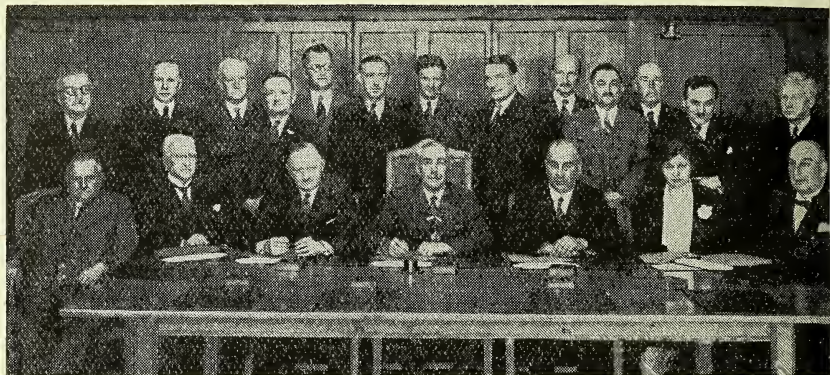
head, and it was decided to put the question to practical test in the courts.

What followed was the action frequently referred to as the Jenkin case, sometimes even as 'the famous Jenkin case.' Pharmacists of my generation are familiar with the case and all its implications, but I suspect that to many of your own generation it is little more than a name. At all events, nothing will be lost if I give a brief account of what the Jenkin case was about, and what its outcome was for the profession as a whole.

In the Chancery Division of the High Court, on October 19, 1920, before Mr. Justice Pearson, Mr. Arthur Henry Jenkin, M.P.S., at that time head dispenser at the City of London and East London Dispensary, and a member of the Council of the Pharmaceutical Society, claimed a declaration that certain activities the Society was proposing to take up were *ultra vires* of its powers. He claimed also an injunction restraining the Society from expending any part of its funds on those purposes.

Jenkin's case was that the Society was taking part, in contravention of its powers, in the formation of an Industrial Council or committee of the drug trade. Funds of





1937. The Executive for the year photographed in the board room at Queen Square. In the chair is Mr. Atkinson. Others present are, *front row*, Messrs. J. E. French, A. R. Melhuish (treasurer), C. W. Hobson (chairman), and G. A. Mallinson (secretary), Miss B. Sharples (assistant secretary) and Mr. D. A. Bryan; *second row*, Messrs. J. Evans, H. H. Marshall, W. I. Scholes, A. Dobson, S. J. Stearn, T. Heseltine, W. J. Tristram, B. Pugh, J. Hearle, C. J. Yeates, J. Hague, E. A. Atkins and W. Forster.

the Society had been spent on the promotion of the Council, and further expenditure on its work was projected. The declared objects of this Council included the regulation of wages, hours of work, and conditions of employment; the adoption of measures for securing the inclusion of the employers and employees in respective organisations; the collection of statistics and information; the improvement of health conditions; and the provision of special treatment, where necessary, for workers in the industry. The Society was further proposing to regulate prices, exercise the functions of an employers' organisation, insure and effect insurance, audit accounts, collect debts, take stocks, maintain an employment register and register of unsatisfactory employees, provide information as to commercial standing, and give legal advice. In the view of plaintiff's counsel, the real contest was whether the Society could form itself into a trade union. If its funds were made available for insurance claims, they could quite easily be exhausted by one or two serious encroachments.

### Society Not a Trade Union

For the Society, it was contended that 'those who carry on business of chemists and druggists' denominated a class smaller than the membership of the Society. The judge, however, said he found it impossible to suppose that, by these words, the framers of the Charter contemplated that the Society might convert itself into a trade union. He had no evidence as to what were the functions of an employer's asso-

ciation, but if they included regulation of hours of business, wages and conditions and prices of goods, the Society was justified in promoting such a body.

'The position now is,' commented C. & D. in reporting the case (1920, 1) 'what the pioneers in 1912-13 first saw, that an *ad hoc* body for trade protection purposes, apart from the Society, was the true solution. By such means, rightly conceived, there would be no splitting of our ranks, as now seems unavoidable unless wise statesmanship supervene.'

### Subcommittee on Jenkin Outcome

The reaction of the Council of the Pharmaceutical Society was to set up a committee with the following terms of reference:—

(1) To consider what part of the Society's present work the injunction in the case of *Jenkin v. the Pharmaceutical Society* prevent them continuing.

(2) To consider what other work at present carried on by the Society which the injunction does not affect and which the Society is legally entitled to do, it would be expected to discontinue if a national body took the functions of a trade organisation.

(3) In the event of the committee deciding that any work now undertaken by the Society and coming within its functions should be laid down by the decision of the Society, as a matter of policy, be transferred to a new body, to consider what conditions the new body should comply with to justify such transferences.

The fundamental objects of the Pharmaceutical Society and of the proposed new trade body were set out as given in the table on the next page.

PHARMACEUTICAL SOCIETY	TRADE ORGANISATION
Advancement of chemistry and pharmacy as science and art. Education of those who should practise chemistry and pharmacy. Benevolence. Anything that affects the qualification, functions, or privileges which are, or should be, restricted to pharmacists. Administration, including examination and registration under the Pharmacy Acts. Protection, other than as above, of those carrying on business on their own account.	The regulation of: (a) The relation between employees and employers, or (b) between employers and employees, or (c) the imposing of restrictive conditions on the conduct of any trade or business, (d) the provision of benefits to members, and (e) matters generally affecting the trading interests of pharmacists carrying on business as such as distinguished from functions restricted by law to pharmacists.

The committee expressed the opinion that the judgment did not make clear the question of negotiations connected with National Health Insurance. So far as National Health Insurance matters affected status, privileges or functions of pharmacists, they were within the purview of the Society, but negotiations as to remuneration and conditions, and the price-checking of prescriptions dispensed under the Insurance Act, might be matters outside the Society's functions. The National Health Insurance negotiations and the Checking Bureau as well as negotiations with Government departments affecting pharmacists as matters (e.g. taxation, shop hours, sale of food and drugs, trade marks, municipal rating, etc.) were therefore included among matters which would be appropriate to hand over to the new organisation.

### Separate Body Urged

An important issue had thus been clarified, and action followed quickly. The Local Associations Executive sent forward a resolution to the Council of the Society urging that a separate body should be created to take charge of all matters affecting the interests of 'proprietor' pharmacists, i.e. those who were conducting dispensing businesses of their own. The

Council appointed a subcommittee to report on the matter and then called a conference of delegates from local associations all over the country. The conference met in London at the Hearts of Oak building, Euston Road, on December 8, 1920, with Mr. Edmund White in the chair. It endorsed the decision to form a separate body for employers, and provisionally gave the new body the title Retail Pharmacists' Union. Establishment of the Union was completed in April 1921, and that is why the N.P.U. is celebrating its Silver Jubilee in the present year. An Executive Committee was ready-made in the members of the Local Associations Executive, augmented with the directors at the time of the Chemists' Defence Association. Mr. Mallinson, as secretary, set up his headquarters, assisted by a staff of six, in the offices of the Proprietary Articles Trade Association, at that time housed at 113 Temple Chambers, London, E.C.4.

### Plans of the Founders

At the start, the R.P.U. was primarily concerned with National Health Insurance matters and with the transactions previously dealt with by the Chemists' Defence Association. The founders, however, had no intention of limiting their activities to these subjects, important though they were.

I have kept my copy of the original 'Draft Constitution and Rules of a Pharmaceutical Union,' and it serves to show the ambitious plans of the founders and the extent to which, in the years that followed, they were put into practice and new ideas adopted. You would be well advised to secure and study the present rules of the Union. You will then have a much clearer idea of how important it is to be a member.

The original scheme provided for the inclusion of three representatives of the company chemists on the Executive. They did not link up at the time, however, and the provision was later quietly abandoned. Later they were invited to associate themselves with a Central N.H.I. Committee, which functions independently of the N.P.U.

After establishing itself in the hinterland of Fleet Street, the Union very soon needed larger premises, and moved to 19 Tavistock Square, with the P.A.T.A. next door at No. 18. The present home of the N.P.U. at Queen Square, occupied in 1926, has been described as 'two old Queen Anne houses remodelled and altered into a modern office building with an entirely new frontage.



What a hive of industry it is these days! Not long ago I paid a visit to the secretary there, and was shown what was going on. In the general office on the ground floor there was a miniature army of typists and filing clerks at work. I caught sight of a small trunk on the counter, full of scripts from one of the Pricing Bureaux awaiting their turn to be investigated. On the same floor were debt-collecting and technical inquiry departments, and the offices of the secretary and assistant secretary. Upstairs I had a look into the oak-panelled board room and committee rooms, and pondered what vital decisions must have been reached there from time to time. Upstairs again were a stockpricing staff, more filing cabinets, the registry, adding machines, still more typists and the business end of a service lift that takes up the N.H.I. scripts."

"Yes, but easy now! I can understand your getting a little sentimental about the headquarters of an organisation you helped to found, but you can hardly expect me to become so enthusiastic about it all. Aren't these office people getting a little remote from the everyday problems of pharmacists behind the counter?"

"Ah! That reminds me that I haven't demolished your argument yet about 'armchair advisers.' Who, in actual fact, are these armchair advisers? Let's take the secretary first. You have heard that he gave up a profitable business in Manchester to work in the interests of you and me. Before that he had been for some years senior dispenser at Mottershead & Co., one of the best-known businesses in Manchester, after two years as qualified assistant and a term as doctor's dispenser. His apprenticeship was spent at his brother's pharmacy at Heckmondwike, Yorks, a county where men of business notoriously concentrate on essentials. The

N.P.U. secretary is also a qualified one and in 1922 became a barrister. I doesn't demonstrate him to be a drive, vision and understanding of the problems you must be hard to come. He was a pioneer, too, in seeing the importance of co-operation among chemists at a time when they were much more individualistic and suspicious of one another. They are

He said one occasion calling for control in the firm with tailors to learn to stand by one another much to the extent that present, a stand by the whole of Suppliers. Their customers will have

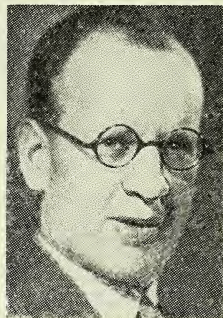
together and support other,' and, again, 'We control our education, and on, but we have no control over our own business.'

Today we chemists have very substantial measures of control of our own business. Ninety-three per cent. of all pharmacists are members of N.P.U. The business income of the Union and its allied organisations is over £200,000 annually, and the turnover of the clearing-house is in the region of £6 millions a

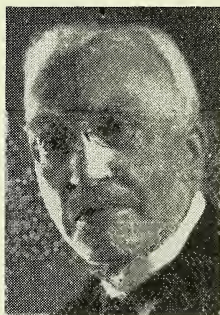
That we owe very largely to Mr. Mallin. His assistants at Queen Square are Mr. Noble, B.Pharm., Ph.C., as deputy general manager and Mr. R. H. Kemp, Ph.C., local organisations officer."

"The things you have told me today have been a veritable eye-opener. I most heartily in congratulating the N.P.U. on its twenty-fifth birthday. I see the importance of taking an active part in branch activities, and I hope I may be present at the celebration of the fifty-fifth anniversary of the Union."

"If you are, you may be sure that the Union will have developed in many directions suggested or dictated by the events of the passing years."



1946. Present honorary officers of the Union. Left, Mr. H. Steinman (incoming chairman); right, Mr. E. A. Brocklehurst (outgoing chairman); below, Mr. A. R. Melhuish (treasurer).





## CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



**Mr. G. A. MALLINSON, M.P.S., F.S.M.C., Barrister-at-Law**

Secretary and Manager, National Pharmaceutical Union,

Chemists' Defence Association, Ltd., Chemists' Mutual Insurance Co., Ltd.,  
Chemists' Sickness and Provident Society

## TEXT OF PENICILLIN ORDER

AN Order giving effect to the recently announced decision of the Ministry of Supply to make penicillin available to the public through pharmacists on medical prescription (see *C. & D.*, May 11, p. 586) has been issued as S.R. & O., 1946, No. 731 (H.M. Stationery Office, price one penny). The main provisions of the Order, the full title of which is the Control of Penicillin (No. 1) Order, 1946, and which is effective from June 1, are as follows :—

### Acquisition and disposal

1. (1) No person shall acquire or agree or offer to acquire any penicillin or penicillin preparation; except—

(a) the patient of a registered medical or dental practitioner—from that practitioner in the course of being treated by that practitioner

(b) from a registered medical or dental practitioner or from a registered pharmacist or an authorised seller of poisons—such penicillin or penicillin preparation as is prescribed for that person by an approved prescription;

(c) a registered medical or dental practitioner, or a hospital authority, or a listed distributor—from any such practitioner or authority or distributor;

(d) from a Government department or from a hospital authority; or

(e) from a person who is authorised by a licence granted by the Minister of Supply to dispose of that penicillin or penicillin preparation to him.

(2) No person shall dispose of or agree or offer to dispose of any penicillin or penicillin preparation: except—

(a) a registered medical or dental practitioner—to his patient to such extent as may be necessary in his treatment of that patient;

(b) (subject to the provisions of Article 2 of this Order) a registered medical or dental practitioner or a registered pharmacist or an authorised seller of poisons—against an approved prescription and to the patient for whom that penicillin or penicillin preparation is prescribed by that prescription;

(c) a registered medical or dental practitioner, or a hospital authority, or a listed distributor—to any such practitioner or authority or distributor;

(d) a Government department or a hospital authority; or

(e) under the authority of and in accordance with a licence granted by the Minister of Supply.

Approved prescription: and supply thereto

2. (1) In and for the purpose of this Order—“approved prescription” means a prescription given in writing by a registered medical or dental practitioner, signed by that practitioner with his usual signature, specifying the name of the patient for whose treatment it is given and given for a stated weight or mea-

sure of the substance thereby prescribed (hereafter in this Article called the prescribed substance”).

(2) Every person who disposes of, against an approved prescription, any prescribed substance containing any penicillin or penicillin preparation shall, on each occasion on which he does enter on that prescription (i) his name and address, and (ii) the date of that occasion

(3) No person shall—(i) on any part of an occasion dispose of, against an approved prescription containing any penicillin or penicillin preparation, any quantity of the prescribed substance other than the weight or measure thereof stated in that prescription; (ii) dispose of that quantity against that prescription on more than one occasion except on an occasion which will not, when aggregated with all the other occasions of disposal entered on that prescription, exceed such number of occasions as is specifically directed in the prescription.

(4) The person who makes, against an approved prescription containing any penicillin or penicillin preparation, the last disposition which, under paragraph (3) of this Article, may be made of the prescribed substance against that prescription shall—(i) retain that prescription; and (ii) (until released from the requirement by notice given by the Minister of Supply) if it is not a health prescription within the meaning of Rule 12 of the Poisons Regulations, 1935 (a), preserve and keep that prescription and deliver it up to or as directed by the Minister of Supply.

### Licences

5. (1) The holder of any licence granted under this Order shall comply with any conditions contained or incorporated in that licence.

(2) If any licence granted under this Order ceases to be in force the holder of that licence shall forthwith deliver up that licence to or as directed by the Minister of Supply.

### Interpretation

6. In and for the purpose of this Order (1) the expression—

“penicillin” means any anti-infective produced by *Penicillin notatum* which has been obtained from *Penicillin notatum* or not, any salt or derivative obtained from any acid, and any solution containing any acid or salt or derivative;

“penicillin preparation” means any substance to or into which any penicillin has been added or introduced;

“listed distributor” means (i) any member of the Wholesale Drug Trade Association or of the Pharmaceutical Export Group during such period as that Association or Group respectively, has a chairman and a secretary approved by the Minister of Supply and keeps a list of its members lodged with the Minister of Supply, (ii) any registered pharmacist, (iii) any authorised seller of poisons, and any other person licensed by the Minister of Supply as a listed distributor.



# PENICILLIN IN THE PHARMACOPOEIA

ANCE has been given by the General Council of an alteration and amendment to the British Pharmacopœia, 1932, set forth in the Schedule below:—

## PENICILLINUM

(Penicil.)

Penicillin

**DESCRIPTION.**—In any part of the British Empire which Penicillin is controlled by law, care must be taken that the provisions of such law are duly complied with. (See British Pharmacopœia, 1932, 12.)

Penicillin is the anti-infective acid, produced when *Penicillium notatum* or related organisms are grown under appropriate conditions on or in a suitable culture medium, converted into the sodium or calcium salt. Non-specific impurities are removed as completely as possible, and the dried penicillin salt is dried under conditions designed to ensure the sterility and stability of the final product.

**DESCRIPTION.** When pure, Penicillin (Sodium Salt) is a white powder which may occur in flakes or scales: it contains 1,666 units per milligram. Penicillin (Sodium Salt) and Penicillin (Calcium Salt) which have not been completely purified are pale yellow to light brown amorphous hygroscopic powders, containing not less than 300 units per milligram.

**SOLUBILITY.** Very soluble in water. Insoluble in fixed oils, and in liquid paraffin.

**STERILITY.** A solution in sterilised water, after the addition of a quantity of sterile penicillinase or other suitable inactivating agent adequate to ensure complete inactivation of the penicillin present, complies with the tests for sterility.

**TOXICITY.** 1,000 units dissolved in 10 ml. of Sterilised Water or of Physiological Solution of Sodium Chloride not exceeding 0.5 millilitres, injected intravenously into each of five normal mice, each weighing approximately 20 grammes, does not cause the death of any of them within twenty-four hours: if one of the five mice dies the test is repeated and the sample complies with the tests for freedom from undue toxicity if none of that second group of five mice dies within twenty-four hours.

**TOXICITY.**—Inject intravenously into each of three normal healthy rabbits, each weighing less than 1.5 kilograms, a quantity containing not less than 2,000 units per kilogram of rabbit's weight, dissolved in not more than 5 millilitres of Sterilised Water or Physiological Solution of Sodium Chloride. Record the body temperature of the rabbits, either continuously for one hour before until three hours after injection, or at least once during the hour before, and three times during the three hours after the injection, one recording being made between seventy-five and ninety minutes after injection; the average maximum rise in body temperature of the three rabbits is not greater than 0.6°.

**ASSAY.** Determine the potency by the biological assay of penicillin and express it in units per milligram.

**STORAGE.** Penicillin (Sodium Salt) and Penicillin (Calcium Salt) are dispensed in sealed containers, the materials of which do not affect the potency of penicillin; they are kept at as low a temperature as possible, not exceeding 10°. Penicillin salts, especially the sodium salt, are hygroscopic and must be protected from the action of moist air.

**LABELLING.** The label on the container states (1) whether it is Penicillin (Sodium Salt) or Penicillin (Calcium Salt); (2) the total number of units in the container; (3) the minimum number of units per milligram of the Penicillin.

## Doses

The dose is determined by the physician in accordance with the needs of the patient.

## APPENDIX XV

### X. BIOLOGICAL ASSAY OF PENICILLIN

**CAUTION.**—[As in monograph on penicillin]

The potency of a sample of penicillin is determined by comparing the dose of it which inhibits the growth of a sensitive strain of staphylococcus with the dose of a standard preparation of penicillin which produces the same inhibition.

#### 1. Standard Preparation of Penicillin

The Standard Preparation for Great Britain and Northern Ireland is that defined in the Regulations made under the Therapeutic Substances Act, 1925. It is a quantity of dried penicillin (sodium salt) kept in the National Institute for Medical Research, Hampstead, London. The Standard Preparation for other parts of the British Empire is the same except for those countries in which a similar standard preparation, kept in a different institute, has been defined by law; in these countries the standard preparation, so defined, is used.

Since the amount of the Standard Preparation, which will be supplied on request, is limited each worker should prepare, for use as a laboratory standard preparation, a quantity of a suitable sample of penicillin and determine its potency in relation to the Standard Preparation.

#### 2. The Unit of Penicillin

The unit for Great Britain and Northern Ireland is that defined in the Regulations made under the Therapeutic Substances Act, 1925. The Unit is the activity contained in such an amount of the Standard Preparation as may be indicated from time to time by the Medical Research Council as the quantity exactly equivalent to the unit accepted for international use. The Unit for other parts of the British Empire is the same, except for those countries in which a similar unit has been defined by law; in these countries the unit, so defined, is used.



### 3. Suggested Details of Methods

#### A. THE CYLINDER-PLATE METHOD

In this method a suitable solid agar medium of simple composition, usually containing phosphate buffer, is used. The principle of the method is based upon a comparison of the inhibition of the growth of bacteria produced by known quantities, or concentrations, of the Standard Preparation of Penicillin with that produced by measured quantities of the sample being tested.

Petri dishes, or rectangular trays, are filled to a depth of 3 to 6 millimetres with agar culture medium, which is previously or subsequently inoculated, in as uniform a manner as possible, with a suitable culture of *staphylococcus*. The inoculated plates are placed in the incubator at 37° for about one hour in order to dry them, or to allow the agar medium conveying the inoculum to the plates to set and dry. Small sterile cylinders, approximately 10 millimetres high and having an internal diameter of approximately 5 millimetres, made of glass, porcelain or aluminium and previously sterilised, are carefully placed on the surface of the inoculated medium. Four, six or eight cylinders may be placed on each Petri dish; a larger number can be used on the rectangular trays. In place of cylinders holes may be bored at suitably spaced intervals in the agar plates.

Solutions of the standard preparation of known concentration, as for example 0.5 to 2.0 units per millilitre, or 0.25 to 2.5 units per millilitre, and solutions of the sample being tested presumed to be of the same order of concentration, are prepared in phosphate buffer solution, pH7. The solutions of the standard and of the sample being tested are filled into the cylinders which are preferably arranged on the plate in such a way that a direct comparison of zones of approximately equal inhibition can be made. The plates are incubated at 37° for sixteen to twenty-four hours, and the diameter of the inhibition zones produced by the varying concentrations of the standard and of the sample being tested are measured with the greatest possible accuracy, and from the results the potency of the latter is calculated.

#### B. THE BROTH DILUTION METHOD

In this method a suitable liquid culture medium, containing peptone and muscle extract, is used. The principle of the method is based on the comparison of the inhibition of the growth of staphylococci due to known quantities, or concentrations, of the Standard Preparation of Penicillin with that produced by measured quantities of the sample being tested.

The culture medium used in the comparative tests must differentiate sharply between mixtures containing penicillin in amounts varying by not more than ten per cent. Media prepared by the enzyme digestion of horse muscle, and others consisting of solutions of suitable bacteriological peptones, muscle extractives and sodium chloride, have proved satisfactory. Two series of tubes are prepared, each tube in each series containing either exactly 20 milli-

litres of medium or a measured quantity can be adjusted to 20 millilitres by the addition of the solutions of penicillin being tested.

A solution of the Standard Preparation of Penicillin containing 5 Units per millilitre of the solution of the sample being tested, expected to contain approximately 5 units per millilitre are prepared in sterile phosphate buffer solution, pH7. These primary solutions are then diluted in the liquid culture medium employed in the test so that 1 millilitre of those further diluted contains an exactly known quantity of Standard, such as 0.5 Units per millilitre of an approximately known, and equivalent quantity of the sample being tested. Increasing quantities of these broth dilutions of Standard Preparation, and of the sample being tested, are then added to the two series of culture media referred to above. The potency of the sample being tested has been approximately determined, a suitable range of dilutions of the Standard Preparation of the sample being tested for a more precise determination of potency is from 0.8 millilitre to 1.5 millilitres.

To each of the tubes in each series an inoculum of a suitable strain of *staphylococcus* is added, the quantity being small and as uniform as practicable. The tubes are shaken and, after incubation at 37° for 18 hours, they are examined, and, in each series, the tube which does not show any growth, the one adjacent to it showing small but definite evidence of growth are noted. This examination may be made by eye, the evidence of minimal growth being provided by the presence of a slight deposit which rises when the tube is shaken; or the extent of the growth occurring in the two series may be estimated and recorded by means of a suitable photoelectric instrument.

From a comparison of the tubes in each series, particularly those exhibiting the first sign of visible growth, the potency of the sample under test is calculated; if the degrees of growth are not exactly concordant, readings may be interpolated and the potency calculated.

### CREMOR PENICILLINI

(Crem. Penicil.)

#### Cream of Penicillin

SYNONYM. Penicillin Cream.

CAUTION.—[As in monograph on penicillin]

Penicillin (Sodium Salt) or	
Penicillin (Calcium Salt)	50,000 units
Emulsifying Wax	7.0 gramm
Hard Paraffin	5.0 gramm
Liquid Paraffin	41.0 gramm
Chlorocresol	0.1 gramm
Distilled Water, previously	
boiled and cooled	47.0 millilitre

Dissolve the Chlorocresol with the aid of gentle heat in the Distilled Water which has been previously boiled and cooled. Cool solution to about 60°. Melt together Emulsifying Wax, the Hard Paraffin and Liquid Paraffin with the aid of gentle heat. Transfer to a suitable container and cool to about 60°. Dissolve the Penicillin (Sodium Salt) in the cooled mixture.

or Penicillin (Calcium Salt) in the Chloro-solution and add it to the warm basis in container. Close the container, shake vigorously for a few minutes and cool rapidly. **PREPARATION.** Cream of Penicillin should be prepared as it loses potency on storage. Emulsifying Wax is a mixture of higher fatty acids and the sodium alkyl sulphates obtained from them. It is obtainable in commerce under the Trade Mark, "Lanette" Wax S.X. Comparing Cream of Penicillin the proportions of Hard Paraffin and Liquid Paraffin may be varied, and Yellow Soft Paraffin may be substituted in order to produce a Cream having the desired properties. [Paragraph applies also to Sterilised Penicillin Cream]

### MOR PENICILLINI STERILISATUS (Crem. Penicil. Sterilisat.)

#### Sterilised Cream of Penicillin

**SYNONYM.** Sterilised Penicillin Cream.

**CAUTION.**—[As in monograph on penicillin]

Penicillin (Calcium Salt) 50,000 units  
Emulsifying Wax .. .. 7.0 grammes  
Hard Paraffin .. .. 5.0 grammes  
Liquid Paraffin .. .. 41.0 grammes  
Sterilised Water .. .. 47.0 millilitres  
Mix together the Emulsifying Wax, the Hard Paraffin and the Liquid Paraffin with the aid of heat. Transfer to a suitable container and add 7 millilitres of the Sterilised Water warmed to about 60°. Close the container and shake to emulsify. Place in an autoclave and heat to 115° for thirty minutes. Cool to about 60° and then mix with aseptic precautions the Penicillin (Sodium Salt) or Penicillin (Calcium Salt) dissolved in 10 ml. of the Sterilised Water. Close container, shake vigorously and cool rapidly. **STORAGE.** Sterilised Cream of Penicillin loses potency on storage and should be freshly prepared. The finally sealed containers are not opened until the preparation is required for use. It is dispensed in containers providing sufficient quantity for one application only.

### INJECTIO PENICILLINI

(Inj. Penicil.)

#### Injection of Penicillin

**CAUTION.**—[As in monograph on penicillin]

Injection of Penicillin is a sterile solution of Penicillin (Sodium Salt) or Penicillin (Calcium Salt) in Physiological Solution of Sodium Chloride. It is prepared by dissolving the contents of a sealed container in the requisite amount of Physiological Solution of Sodium Chloride using aseptic technique. When several doses of Injection of Penicillin are dispensed in a single container the solution contains 0.1 per cent. of Crocresol.

**STORAGE.** Injection of Penicillin should be used within seven days after preparation and should be kept during this period at a temperature not exceeding 4°. When Injection of Penicillin is prescribed, no strength being stated, an Injection containing

20,000 Units per millilitre shall be dispensed or supplied. In the preparation of Injection of Penicillin, Penicillin (Sodium Salt) or Penicillin (Calcium Salt) containing not less than 900 Units per milligram is used.

### INJECTIO PENICILLINI OLEOSA

(Inj. Penicil. Oleos.)

#### Oily Injection of Penicillin

**CAUTION.**—[As in monograph on penicillin]

Penicillin (Calcium Salt) .. .. 12,500,000 Units  
White Beeswax .. .. 4.5 grammes  
Arachis Oil, sufficient to produce .. .. 100 millilitres

Melt the White Beeswax in the Arachis Oil. Sterilise by heating at 150° for one hour. At the same time, filter through coarse filter paper. Cool. Place the Penicillin (Calcium Salt) in a sterilised mortar, and, using aseptic technique, triturate with a small quantity of the basis until smooth; then incorporate gradually the remainder of the basis. Distribute into sterilised containers and finally seal.

**STORAGE.** Oily Injection of Penicillin should be stored in a cool place.

**LABELLING.** The label on the container states:— (1) The name of the injection; (2) the strength stated as the number of Units in a suitable dose-volume; (3) "For intramuscular use only."

#### Doses

<i>Metric</i>	<i>Imperial</i>
1 to 4 millilitres	15 to 60 minims
125,000 to 500,000 Units	

Oily Injection of Penicillin should be warmed to blood heat for several minutes and well shaken, before injection. In the preparation of Oily Injection of Penicillin, Penicillin (Calcium Salt) containing not less than 900 Units per milligram is used.

### OCULENTUM PENICILLINI

(Oculent. Penicil.)

#### Penicillin Ointment for the Eye

**CAUTION.**—[As in monograph on penicillin]

Penicillin (Calcium Salt) .. 100,000 units  
Yellow Soft Paraffin .. .. 90 grammes  
Wool Fat .. .. 10 grammes

Melt together the Yellow Soft Paraffin and the Wool Fat, filter while hot through coarse filter paper placed in a heated funnel, and sterilise the mixture by heating at 150° for one hour. Cool. Place the Penicillin (Calcium Salt) in a sterilised mortar and triturate with a small quantity of the basis until smooth; then incorporate gradually the remainder of the basis. Distribute into small sterile collapsible tubes and close.

**STORAGE.** Penicillin Ointment for the Eye should be stored in a cool place.

### TROCHISCUS PENICILLINI

(Troch. Penicil.)

#### Lozenge of Penicillin

**CAUTION.**—[As in monograph on penicillin]

Lozenge of Penicillin contains 500 units of Penicillin (Calcium Salt). It is prepared



by the compression of a mixture of Penicillin (Calcium Salt) and previously prepared dry granules of sucrose or lactose or a mixture of the two and suitable binding agents. Each lozenge weighs about 1 gramme.

**STORAGE.** Lozenges of Penicillin are packed in suitable air-tight containers and should be stored in a cool place.

## UNGUENTUM PENICILLINI

(Ung. Penicil.)

### Ointment of Penicillin

**CAUTION.**—[As in monograph on penicillin]

Penicillin (Calcium Salt) .. 50,000 units

Ointment of Wool Alcohols .. 100 grammes

Heat the Ointment of Wool Alcohols at 110° for one hour. Cool to room temperature. Triturate the Penicillin (Calcium Salt) with a portion of the Ointment of Wool Alcohols until smooth; gradually add the remainder, mixing thoroughly by trituration.

**STORAGE.** Ointment of Penicillin should be kept in a well-closed container, protected from moisture, and stored in a cool place.

## PENICILLIN QUESTIONNAIRE

A QUESTIONNAIRE is being issued to persons applying for a licence under the Therapeutic Substances Act Penicillin Regulations. The object is to elicit detailed information on the conditions under which work will be done. The applicant is requested to supply any other information that will assist in assessing the conditions.

### Accommodation

(1) Submit a simple plan of the layout of the place where the injections will be prepared, showing the doors, windows and other points of access of air, benches, services, etc. A photograph of the accommodation would be helpful.

(2) What is the nature of the surface of (a) walls; (b) ceiling; (c) floor?

(3) Give particulars of any fixtures (e.g., shelves, light fittings, heat fittings, cupboards, benches).

(4) What provision is made for the avoidance of air currents during the preparation of the injections?

(5) What other activities may be carried out in the place of preparation: (a) during the preparation of injections? (b) at other times? and what provision is made to prevent other persons having access during the preparation of injections?

(6) Is the place used for storage? If so, what materials are stored?

(7) What arrangements are made for the maintenance of the cleanliness of the place?

### Equipment

(8) What sterilising equipment do you possess? (a) Autoclave; (b) hot-air oven; (c) refrigerator or cold box (if any).

(9) What means do you propose for reducing the bacterial count in the air before preparing the injections?

(10) Have you the necessary apparatus for the preparation of injections, including a range of metric weights and measures?

### Personnel

(11) Name of person(s) carrying out the preparation of injections. Qualifications. Date(s).

(12) What experience is possessed by the person(s) above in the preparation of injections involving aseptic transference of sterile material?

(13) What number of other staff is employed in the business? (a) Pharmacists; (b) others.

### Extent of Licence

(14) Is your application for a licence to cover the preparation of any or all of the following: (a) aqueous injection for intramuscular use? (b) aqueous injection for intravenous and/or intrathecal use? (c) injection?

If (b) is included, name hospital, nursing homes, to be supplied.

Oily and aqueous injections of penicillin may only be prepared against a prescription except where a licence has been granted by the Ministry of Supply to a wholesaler to break bulk penicillin in order to manufacture and store the oily injection. Aqueous injections for intramuscular use may be dispensed: (1) in ampoules, containing single dose; (2) in multiple-dose containers, the solvent containing an antiseptic. To be kept for use for not more than 7 days, at 4°C. (B.P. notice, "London Gazette," to be included early in June.)

Aqueous injections for intravenous and intrathecal use may only be dispensed under exceptionally strict aseptic conditions, in ampoules.

### Wholesalers

Wholesale manufacturers are being asked to supply the following additional questions:—

Please indicate: (1) size of area in which you intend to provide the service of manufacturing aqueous injections; (2) arrangements you have made for delivery of injections; (3) whether you intend to prepare injections upon receipt of prescriptions from (a) local pharmacists and (b) hospital, nursing homes.



## OVERSEAS TRADE NEWS

**Mexican Chemical Industry.**—A Mexican firm has obtained a Federal franchise to establish a plant for the manufacture of nitric acid and wood creosote at Mexico.

**New Zealand Saves Fats.**—The New Zealand Famine Emergency Committee announced on May 21 that it was launching a national drive to save fat used for making margarine, with a view to increasing the quantity of oil now available for export to the United Kingdom.

**Argentine Linseed Crop.**—The latest official estimate puts the Argentine 1945-46 linseed crop at 964,100 tons. Though representing an increase of 22 per cent. on last year's final figure of 787,000 tons, the estimate shows a sharp fall from the 1944 estimate of 1,401,000 tons for the same year.

**Fat Purchases in Argentina.**—A Reuters message from Buenos Aires states that a British Commercial Mission, which arrived there two weeks ago, has started purchasing large quantities of tallow and other fats for export to Russia. The mission is expected to have a credit of £1,600,000.

**Natural Rubber Industry for South Africa?**—A Johannesburg message states that a process for handling raw rubber which, it is claimed, would cut the cost of treatment by about 22 per cent., has been developed by two South African scientists. The process is stated to eliminate the use of acid in degulating rubber latex, makes it unnecessary to smoke the rubber and cuts coagulation from twenty-four hours to ten minutes.

**Indian Shellac Controls Relaxed.**—The Government order fixing maximum prices for various grades of shellac at Calcutta and other places in India has been cancelled by the Government of India. Also cancelled is the shellac export control order and the Government fixing maximum f.o.b. export prices for shellac. The cancellation takes effect immediately. The announcement would lead to an immediate rise in the prices of shellac by three rupees to 105 rupees per pound of 82 lb.

**Cottonseed Oil Supplies.**—The U.S. cottonseed oil market is characterised by increasing tightness in supplies, with the total quantity of old-crop oil having been reduced to small proportions and mills reluctant to commence trading in new-crop oil. Moreover, doubts are being

expressed in trade circles as to the renewal of Brazilian tenders to the United States, the Brazilian Secretary of Agriculture having temporarily suspended the export of cottonseed oil owing, it is stated in the Brazilian Press, to a domestic shortage. Supplies of cottonseed oil from the Argentine will depend on the outcome of the negotiations for a new oilseed agreement between the United States and Argentina.

**U.S. Drug Exports Forecast.**—Forecasting a \$200 million drug export business for the United States in 1947, Mr. Thomas Delahanty, of the Department of Commerce, told the annual meeting of the Proprietary Association of America that the current annual level of such exports is \$116 million, representing approximately a sevenfold increase over 1938 figures. Foreign sales of American-made household remedies rose to \$28 million in 1945 from only \$8 million in 1938. The other \$88 million last year were represented by prescription pharmaceuticals. About 50 per cent. of total exports went to South and North America while European, Asiatic and African shipments were, on average, twenty-five times greater than the figure for 1938.

**Penicillin as a Cure-all.**—A tendency among private medical practitioners to use penicillin as a cure-all is becoming prevalent in many parts of South Africa, it was recently stated in medical circles. It is stressed, however, that patients themselves are largely to blame for this state of affairs. Penicillin is regarded by them as a "safe" preparation, and they are apt to "bully" their doctors into using it on the principle that "it cannot do much harm, even if it does little good." A warning that South Africa is using far too much of the drug and that a famine may result unless its use is curtailed has been given several times during the past months. It is understood that hospitals in the Union still have difficulty in obtaining sufficient supplies of penicillin. Importers of the drug in Cape Town point out that only a small percentage of their orders are being supplied by American factories, and that the time of arrival of the next quota is a matter for speculation. The trouble lies not so much with oversea production, as with the suddenly increased demand made by the distressed areas in Europe, and enhanced domestic consumption in the United States. Increased allocations to South Africa may not be given in the near future.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

### 28 Essex Street, W.C.2, May 29

QUIET but steady conditions have continued in the drug and chemical markets during the past week, with values showing little alteration from recently-quoted levels. The supply position generally appears to be no easier and dealers are finding some difficulty in locating a number of items required for export. No price alterations have been notified for PHARMACEUTICAL CHEMICALS. With regard to published statements (not in THE CHEMIST AND DRUGGIST) to the effect that control of MERCURY may be relinquished, the Board of Trade, in response to a request for confirmation, states that there are "no suggestions of relinquishing Government buying and selling at the present moment."

#### Purchases of Bromine

The Board of Trade announces that purchases of bromine on Government account have now ceased. Government stocks of fixed bromine will continue to be distributed in accordance with existing arrangements, at £126 per ton, delivered London, subject to adjustment for those consumers to give an undertaking to accept deliveries at a fixed rate per month. Supplies of bromine may also be secured from the British Ethyl Co., Artillery House, Artillery Row, London, S.W.1, or from Palestine Potash, Ltd., through their agents, Charles Tennant Sons & Co., Ltd., 4 Copthall Avenue, London, E.C.2.

#### Crude Drugs

Business in these markets is proceeding steadily but there are no features to record. Higher prices are quoted for a few items but the movements are without significance. AGAR continues to be wanted for the Continental export trade, but it is doubtful if this business can be handled by the London market. ANTIMONY continues in heavy demand with supplies limited. The position of CAMPHOR is unchanged but there is a report of surplus slabs available from a Scandinavian source. GUM ACACIA is quoted dearer on the spot. The last price for MENTHOL received from Brazil will make the landed and duty-paid price rather more than last quotations. PAPAIN is dearer on the spot. PIMENTO is fractionally easier on the spot but forward price is unchanged. Red Jamaican SARSAPARILLA is

firm on the spot. Some grades of CARNI WAX are dearer for shipment.

#### Essential and Fixed Oils

Apart from some high quotations for ESSENTIAL OILS outside the control scheme there is little of interest in these markets.

#### Exchange Rates on London

Bank of England fixed rates at the close on Wednesday morning were:—

Centre	Quoted	May
*Alexandria ... ..	Piastres to £	97½-0
Brussels ... ..	Francs to £	176½-1
Copenhagen ... ..	Kroner to £	19.32-1
Dutch West Indies...	Florins to £	7.58-7
Oslo... ..	Kroner to £	19.08-2
Paris ... ..	Francs to £	479.7-3
Lisbon ... ..	Escudos to £	99.80-1
Montreal ... ..	Dollars to £	4.43-4
New York ... ..	Dollars to £	4.02½-4
Stockholm ... ..	Kroner to £	16.88-1
Zurich ... ..	Francs to £	17.34-1

\* Free market rate.

### U.S. Drug Market Report

New York, May 29

BRAZILIAN producers of MENTHOL reported holding up supplies in the belief that U.S. consumers will be forced to at a later date. Promised supplies from the Far East will not materialise this season, it is felt, and, despite no considerable demand as yet for the Brazilian product, quotations moved up again over the week. Increased activity in the SULPHA DRUGS reported, with SULPHANILAMIDE in considerable demand from overseas as well as from domestic consumers. GLYCERIN production will decline if the alkali shortage continues, according to producers' reports, imports over the rest of the year are expected to be considerably below the level attained during the first quarter. SODIUM SALTS are exceedingly difficult to locate in quantity while the SALICYLATES position is tightening as a result of the coal shortage. The extreme shortage of MOLASSES for the production of industrial alcohol will force many major producers to operate, at least, on drastically reduced schedules. Limited supplies for the rest of the year point to a continued shortage of ALCOHOL. BOTANICAL DRUGS markets were featured by the removal of maximum prices on CANARY, CARAWAY, CARDAMOM, CELERY and CORIANDER SEEDS, VANILLA BEANS, CLOVE, GINGER, MACE, NUTMEG, RED PEPPER and PIMENTO. M

neg and red pepper are the only items on the list in which any notable shortage exists. Some RHUBARB ROOT is reported to come from China destined for the United States. The arrival of this material will mark the first delivery from this source since the war. With only a few exceptions, ESSENTIAL OILS remain in tight supply. A large export inquiry for GOLDEN SEAL ROOT is noted. During the next few years, U.S. ESSENTIAL OIL producers will lose a large part of their outlets to synthetic chemicals as oil prices decline, according to a statement at a recent meeting of the Toilet Goods Association of America. Even when imports of LAVENDER, LEMONGRASS and CAMPHOR are more plentiful, synthetics already developed will continue in wide use, it is predicted. It was also stated at the meeting that increasing production of CITRONELLA and LEMONGRASS in the Western Hemisphere would eventually bring about independence from imported supplies of these aromatics. Experiments in growing other essential oil plants is progressing satisfactorily, it was stated.

## Pharmaceutical Chemicals

ACETANILIDE.—Powder is quoted by makers at 5d. per lb., and crystals at 2s. 6d.

AMPHETAMINE.—Steady at makers' price of 1s. per lb.

ASPIRIN.—The following are makers' current prices per lb. for the home market, in quantities of 8 lb.—1 cwt. (containers in brackets): 1s. 4d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 9½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supply per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 20,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 200,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 10d.

ATROPINE.—Home market prices per oz. are: ALLOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SODIUM, 34s., 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (x-ray).—Prices per lb. quoted by makers, in 28 lb.—1 cwt. lots, in home sales are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BORIC ACID.—Steady; current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 8d.; less, 5s. 3d.

CELLULOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.—28 lb., 11½d. per lb.; 28 lb.—112 lb., in 14 lb. lots, 11½d.; in 28-lb. lots, 10½d.

MAGNESIUM TRISILICATE.—Prices per lb., in the home market, in quantities of

28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 8d. (7-lb.); 3s. 6½d. (14-lb.); 3s. 5½d. (28-lb.).

MANDELATES.—Makers' quotations are unchanged. SODIUM and CALCIUM.—4 oz., 8 oz., and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM (50 per cent. solution).—4 oz., 8 oz., and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb., net. Packages are charged extra and should be returned promptly.

MANDELIC ACID.—In good demand. Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—In fair supply. Small amounts are quoted at 2s. 6d. per lb.; Winchester at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms net, carriage paid to nearest station, containers extra and returnable.

TERPINEOL.—Now released; pure quality will be available in limited quantities at 3s. 9d. to 4s. 6d. per lb.

TERPINYL ACETATE.—Limited supplies are expected soon.

## Crude Drugs

AGAR.—Continental inquiry continues, but it is probable that any business in Empire material for these markets would be done from the source.

ALOES.—Cape on the spot would be worth 140s. per cwt.; forward value is quoted at 115s., c.i.f.

ANTIMONY.—Continues in heavy demand, with supplies limited. Prices are: Minimum, 99.6 per cent. regulus, £132 10s. per ton; minimum 99 per cent., £125; 70 per cent. crude, for the home trade, £105 per ton, delivered.

ARECA NUTS.—Spot, quoted by dealers at 75s. per cwt.; forward, 55s., c.i.f.

BELLADONNA.—It is understood that the low-testing Indian root has been sold.

BISMUTH.—High-grade metal is quoted at 9s. per lb., in minimum 5-cwt. lots.



BUCHU LEAVES.—Small spot supplies would be worth 5s. per lb.

CAMPHOR.—The position as outlined last week (p. 671) is unchanged. Some surplus slabs are reported offered from a Scandinavian source at 13s. per lb., duty paid.

CARDAMOMS.—Firm and scarce. Aleppy seed, spot, 8s. 6d. per lb.; Aleppy greens, 7s. 6d.; Mangalore heavy, 7s.

CINNAMON.—Chips, in small compass on spot, 2s. 2d. per lb.; quills are not obtainable.

CLOVES.—Quiet; values unchanged. Spot sellers of Zanzibar at 1s. 1d. per lb.; shipment, May–June, 9½d. per lb., c.i.f., buyers' licence.

COCHINEAL.—Spot quotation for silvers is at 5s. 6d. per lb., and that for blacks at 5s. 9d.

COLOCYNTH.—Spot price of fair white pulp is steady at 2s. 6d. per lb.

DIGITALIS LEAVES.—Portuguese, spot, 130s. to 140s. per cwt.; English, 2s. 6d. per lb.

GUM ACACIA.—Kordofan cleaned sorts is quoted dearer on spot at 77s. per cwt., London, and 76s., Liverpool; bleached is also dearer at 147s. 6d.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian is steady on spot at 250s. per cwt.; Egyptian (*muticus*), 90s.

KARAYA GUM.—Spot, 200s. per cwt. for Indian No. 1 gum.

LIQUORICE ROOT.—Natural Anatolian, spot, 90s. per cwt.; cut, 110s.

MENTHOL.—Continues to be wanted for export, with quotation in bond at 32s. 6d. per lb. The last price from Brazil was at 30s. per lb., f.o.b., giving a duty paid and landed figure of about 35s. per lb. There are sellers on spot at 33s. 6d. per lb., duty paid.

ORANGE PEEL.—Spanish quarters, now landing, 2s. 9d. per lb.

PAPAIN.—Spot supplies of East African are now quoted at 19s. 6d. per lb.

PIMENTO.—Quiet conditions obtain, with sellers of spot material at the fractionally easier price of 1s. 2½d. per lb.; forward, 122s. 6d. per cwt., c.i.f., buyers' licence.

QUILLAIA BARK.—In limited supply. Natural, 115s. per cwt.; cut, 135s., ex warehouse.

RHUBARB.—The last price for common-round received from origin was at 10s. 9d. per lb., c.i.f.

SANDARAC.—Spot, quoted at 5s. 6d. per lb.

SARSAPARILLA.—Red Jamaican is firm on the spot at 3s. 3d. to 3s. 6d. per lb.

SEEDS.—Quotations are: CORIANDER.—Spot, Indian, 130s.; Morocco, 125s. CUMIN.—Spot, Indian, quoted at 200s., ex store, Liverpool. DILL.—Spot, Indian, offered at 75s. FENNEL.—Spot, Indian, 185s., ex store, Liverpool. FENUGREEK.—Spot, Indian, 75s., ex wharf, London.

WAXES.—The higher rates for CARNAUBA noted recently are maintained. Fatty grey, spot, sellers at 1.050s. per cwt.; chalky, 1.030s.; prime yellow, 1.200s.; shipment, fatty grey, June–July, 995s.; prime yellow

June–July, 1,175s.; BEES'.—Quoted on the market as follows: Dar-es-Salaam, spot, per cwt.; afloat and May–June shipment, c.i.f.; Benguela, spot in bond, 285s.; June shipment, 275s., c.i.f.; Abyssinian, June shipment, 280s., c.i.f. OURICURT.—nominal; to arrive, 620s. per cwt., 7 per cent. basis. CANDELILLA.—Spot, nominal to arrive, May–June dispatch, 505s. per landed terms.

## Essential and Expressed Oils

CASTOR.—Bulk supplies are quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—Quotations for English-distilled oil are steady at 12s. per lb.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton, refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £53.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°–52°, £63.

LINSEED.—Bulk supplies of crude are officially quoted at £65 per ton, naked ex works.

THYME.—Red, 22s. 6d. per lb.; white, 2

**Synthetics and Isolates.**—Increased interest is being taken in these items, but the products remain in short supply. The prices quoted below are not necessarily available because prices are given (rates per lb., unless otherwise stated):—

Acetophenone .. ..	10s. 6d.
Amyl acetate, <i>per cwt.</i> ..	122s.
Amyl benzoate .. ..	6s. 6d.
Amyl salicylate .. ..	3s. 6d.–4s.
Aubepine, perfumery quality .. ..	45s.
Benzyl acetate .. ..	4s.–5s.
Benzyl alcohol, perfumery quality .. ..	5s.
Benzyl benzoate, perfumery quality .. ..	5s.–6s.
Benzyl salicylate .. ..	12s. 6d.
Butyric acid .. ..	7s. 6d.–8s.
Cinnamic aldehyde .. ..	9s.–9s. 6d.
Citral, chemically pure .. ..	55s.–60s.
Coumarin .. ..	17s. 6d.
Ethyl butyrate .. ..	8s.–9s.
Ethyl phthalate .. ..	2s.–2s. 6d.
Eucalyptol .. ..	13s.
Eugenol .. ..	18s. 6d.
Geraniol, ex palmarosa ..	80s.
Geranyl acetate .. ..	85s.
Ionone, 100 per cent. .. ..	90s.–95s.
Isoeugenol .. ..	21s. 6d.–22s.
Methylacetophenone .. ..	12s. 6d.
Methylbenzoate .. ..	6s.–6s. 6d.
Methylphenyl carbonyl acetate .. ..	13s. 6d.
Rhodinol, African geranium ..	185s.

# GRIPE MIXTURE



*A pleasant, mild and  
aromatic carminative  
suitable for all infants  
and children.*

**Made from Caraway and Dill  
of exceptional aroma and devoid  
of any harmful ingredient, the  
standard of purity is the usual  
high one expected of all Red  
Diamond products.**

## Two Sizes:

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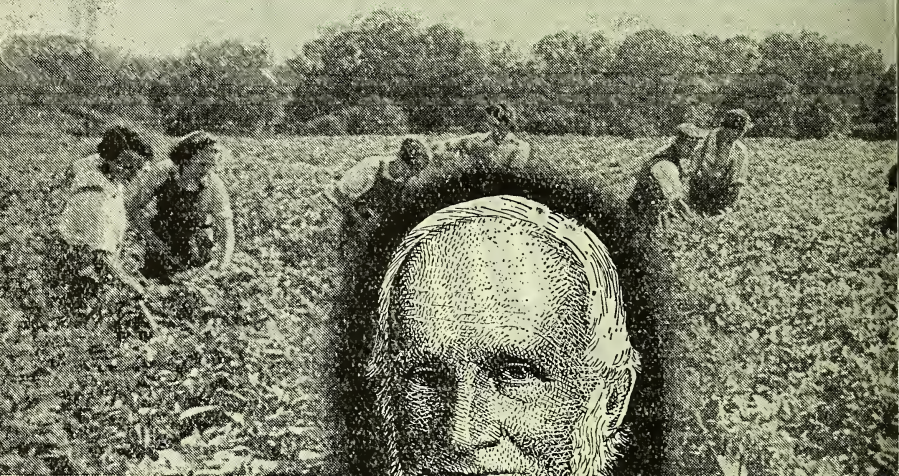


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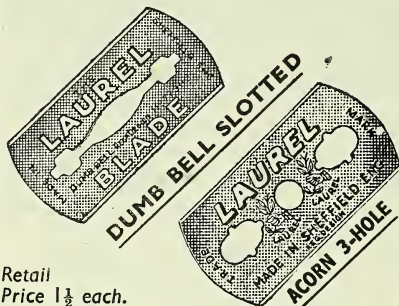
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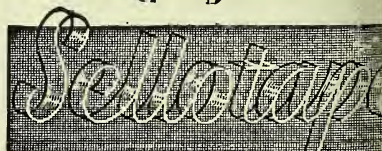
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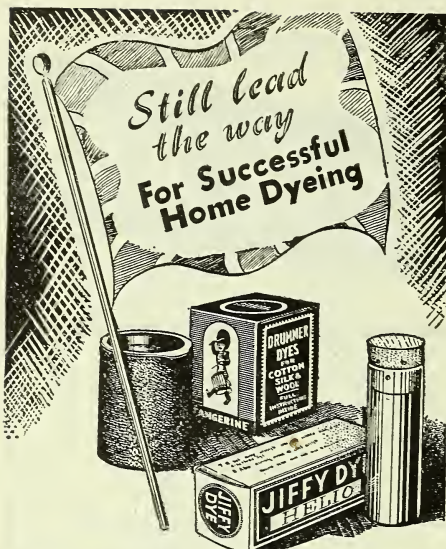
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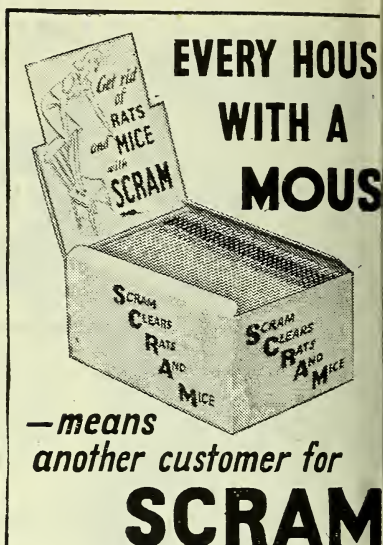
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This well-known food tonic contains Saccharated Oxide of Iron, prepared with pure Ovo-lecithin to assure perfect assimilation. It has proved of particular value when the health of a patient has been lowered after a period of ill-health, and is regularly used in hospitals for anaemic cases. Safe and readily taken by children.



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## TEA & TABLETS

These tonic remedies for figure fitness are in greater demand than ever. National advertising stimulates this demand and makes them ready sellers. Supplies are readily available. If you want to share in this demand write for details of prices and packings.

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## **Cloister** *Herbal Tea* AS ADVERTISED

Gentle natural corrective for sluggish bowels. Purifies the blood, promotes sound sleep and regular habits.

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1/2z. 7d. size	6. 0.
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**EXTRACT OF HERBS**

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A 9d. bottle makes 6 gallons of delicious sparkling Mason's Herb Beer. **GOOD PROFITS—QUICK SALES**

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A quick selling and profitable line for Wine Licence holders—something new—a health wine too, in intriguing flavours. Trade prices 123/- and 144/- doz. (Advertised prices to public 12/6d. and 14/6d. bottle, 25% Proof Spirit. M.O.F. approved labels.)

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offer the following:

1 oz. bottles soapless shampoo	-	-	6/- per doz.
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Yellow Petroleum Jelly, 2 oz. jars	-	-	4/6 " "
White ditto., Smart jars	-	-	6/5 " "
Eyebrow pencils in Bak case	-	-	10/- " "
Floor & Furniture Polish Wax	-	-	7/6 " "
Nail Lacquer	-	-	15/- " "
Remover	-	-	8/- " "
"Argil" Germicide, 4 oz.	-	-	7/-, retails 10 1/2 d.
"Argil" " etc., 8 oz.	-	-	12/10 retail 1/6
Tablets Codine Co. N.W.F. bottles of 40, 20/- per doz.	-	-	
" A.P.C.	-	-	8/- and 16/- per doz.

All prices are Tax included and C.W.O.

## Aspirin

FOR SALE, IN TON L

Write stating quantity required and price offered to:—

Box 972/312 C. & D. Office.

**STRIP ADHESIVE DRESSINGS 3d. per pack** cuts into 8 half-inch dressings. This vest-pocket First Aid is a master line. Sold in 1 gross dressings outers at 26/- per gross nett, carriage paid.

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QUEEN'S CHAMBERS, QUEEN'S ST., CAR

**REDUNDANT STOCK OF 1/2 MILLION 4 FL. OZ. COMPOSITE CANISTERS FOR POWDER FOR SALE.** Peacetime quality. Also several thousand outers to fit.

Write to Manufacturers Box 646,  
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**Bronchial Lozenges:** very pleasant, immediate and continued supplies in bulk, quantity. Send us your tableting requirements.

973/343 C & D Office

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Bronchial, Iodised, Aspirin, A.P.C. and own formula specialities.

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# The CHEMIST AND DRUGGIST SUPPLEMENT



This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 1  
1946

24 ESSEX STREET, LONDON, W.C.2

availing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

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Small 25/- per gross packets of 6  
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Large 40/6 " " " "  
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**A** QUALIFIED Assistant required, male or female, mainly for dispensing in good-class family business. No Sunday or holiday duty. Apply by letter stating usual particulars to Reid (Chemists), Ltd., 12 Station Parade, Bramley Road, Southgate, N.14.

**A** QUALIFIED Lady required in August for dispensing and counter in North London. Permanent, comfortable post. Ample staff. Salary £8 ss. for 38 hour week. Help given in finding accommodation. Lewis & Harris, Ltd., 288 Upper Street, N.1.

**A** N Unqualified Assistant, lady or gentleman, wanted for branch pharmacy near Woodford, Essex. Mostly counter work, window-dressing if interested. Good prospects (salary and commission basis) for capable and reliable person. Please state experience and salary expected to 100/114, C. & D. Office.

**A** SSISTANT, Unqualified (either sex) required for a busy shop. Interesting position with infinite variety in all grades pharmaceutical practice. Permanency to right applicant. Withers, Chemist, 45 Rosemary Road, Clacton-on-Sea, Essex.

**B** IRMINGHAM. Qualified Branch Manager required for busy Middlesex business. Salary and commission offered. Full particulars, please, to C. L. Highfield, Ltd., Bearwood Road, Smethwick.

**B** LACKPOOL CO-OPERATIVE SOCIETY LTD. Wanted. Qualified Pharmacist/Optician to manage Society's Emporium Pharmacy and Optical Department and four Branch Pharmacies. Trade £47,000 per annum. Applications in writing, stating age, experience and salary required, to be addressed to the Office of the Society, Sheppard Street, not later than June 6. Envelopes endorsed "Pharmacy" top left corner.

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**D** URRHAM COUNTY. Qualified Chemist required immediately. Excellent prospects for young ambitious man. Interesting and varied work. Salary according to experience. Apply giving full particulars. Ileys Ltd., Ryhope, Sunderland, Durham.

**GENERAL MANAGER** required to manage business having seven pharmacies. Must be thoroughly experienced buyer, with sound knowledge of staff control and ability to organise. Qualified man preferred, but not absolutely necessary. Good salary offered. Only men having all the above qualifications need apply. Applications should be in writing, stating experience and salary required to Bates & Hunt (Chemists), Ltd., 20 Market Street, Wellington, Shropshire.

**HAROLD WARBURTON** would be glad to hear from several Pharmacists of ability for appointment as Branch Managers in the organisation which he represents. The prospects are dependent upon the initiative shown and should therefore appeal in particular to ex-Servicemen shortly about to be demobilised. Address replies c/o London Co-operative Chemists Ltd., 53 Maryland Street, Stratford, E.15.

**HOLBORN.** Smart, Unqualified Assistant wanted, lady or gent, for busy city pharmacy. Congenial post. Apply :- Mr. J. Milner, c/o Cross Chemists, 240 High Holborn, W.C.1.

**HORBURY INDUSTRIAL CO-OPERATIVE SOCIETY LTD.** invite applications for the position of Superintendent for the Pharmacy and Optical Department from persons with experience in both sections. Annual sales £13,500, transfers £1,000. Application stating age and experience, and enclosing copies of testimonials, to reach the Secretary 23 High Street, Horbury, by first post Tuesday, June 4, endorsed "Application."

**LADY Assistant (Unqualified)** required for good-class family dispensing business in pleasant district close to town. Must be able to dispense. Good hours, no half-day or Sunday duty. Please give full particulars of age, previous experience, salary required, etc., to G. T. Hodgkiss, 312 London Road, North Cheam, Surrey. Derwent 2804.

**LONDON, S.E.** Wanted a Qualified Manager for quick cash business. Staff 5 or 6. Scope for man willing to organise and able to control stock and staff. Good salary and prospects to suitable man. Apply stating age and how soon at liberty to 100/112, C. & D. Office.

**MANAGER** for South-West London Branch (Lambeth Area). Living accommodation available. Apply 100/134, C. & D. Office.

**MANAGER** required for West End type Pharmacy in Central London. Experienced man able to control staff and develop business. Saturday half day. No Sunday duty. Apply giving full particulars and salary required to 973/359, C. & D. Office.

**M.P.S.** and two Chemists Assistants required for new department to be opened in large departmental store in the Midlands. Write giving full particulars of qualifications and experience. 971/294, C. & D. Office.

**NORTHAMPTON.** Qualified Assistant, male or female, required for retail pharmacy and for relief at branches in the district. Excellent opportunity for ex-Forces pharmacist to gain experience of high-class pharmacy. Permanency with good prospects. Full particulars in first letter to P. Jeyes & Co., Ltd., The Drapery, Northampton.

**OPPORTUNITY** for first-rate Manager to have financial interest in business in Middlesex offering immense scope. The position is for gentleman of experience and a record of business building. Good basic salary offered. Apply first instance giving fullest details. 973/361, C. & D. Office.

**ORRIDGE & CO.,** Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Inquiries invited from Pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to Columbia House in first instance.

**PHARMACIST** required (male or female) Manager of Branch Pharmacy. Progressive position, short hours, no extra Superannuation scheme. Applications stating experience, salary required, to Peterborough operative Society.

**PHARMACIST**, with good experience, want to take charge of business in Lanarkshire. Applications in writing giving full particulars endorsed "B/M" should be forwarded to Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, Bogmoor Road, Shieldhall, Glasgow, S.W.1.

**QUALIFIED Assistant** required for part-time work. Apply, Manager, Allen & Hanburys, 7, Vere Street, W.1.

**QUALIFIED Manager** required for busy night class family dispensing business. Applicant must have had good previous managerial experience. Permanency. Good prospects. Please give details, including age, etc., to Goldthorpes, 10 Street, Woolwich, S.E.18. WOO. 0408.

**QUALIFIED Branch Manager** (permanent) required for North Wales town not late end of July. This vacancy offers scope and prospect to suitable man. Please send details, stating required, to L. Rowland & Co., Ltd., Mitre Building, Wrexham.

**QUALIFIED Pharmacist** as Temporary Manager. No Sunday or half-day hours. Apply by letter giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Retail Society, Ltd., 41 Northgate, Dewsbury.

**QUALIFIED Assistant** required. Busy large variety dispensing and hospital interesting situation. Apply stating experience and wages required. Withers, Chemist, 45 Rose Road, Clacton-on-Sea, Essex.

**R. C. JOHNSON, LTD.,** Chemists, Greenwich, require a young Gentlemanly Assistant, preferably Qualified, for high-class pharmacy. Excellent opportunity to gain modern experience. Knowledge of photography an advantage.

**READING.** Assistant required for good business. All-round experience an advantage. Congenial post, easy hours. Apply with full particulars to Carter, Chemist, Reading.

**SOUTHPORT.** Qualified lady or gentleman urgently required for dispensing in good pharmacy. Congenial post with reasonable salary. Please send full particulars to J. R. Cave & Co., Ltd., 52 Nevill Street, Southport.

**UNQUALIFIED Assistant (female)** required for dispensing and counter duties. Please experience and salary required. H. Chapman & 76 Falsgrave Road, Scarborough.

**WALSALL.** Chemist's Assistant required for counter. No Sunday duty. Write stating experience, lady or gentleman. Hubball (Chemists), Walsall.

**WALSALL.** Staffs. Unqualified Assistant required. Competent and thoroughly experienced in dispensing, display and counter. Shelley, Caldor, Walsall.

**WANTED.** Qualified Pharmacist to take charge of country branch. Housing accommodation available. Good prospects, good wages and conditions. Apply to Sheerness Co-operative Society Ltd., 100 High Street, Sheerness, Kent.

### LOCUMS WANTED

**QUALIFIED Locum.** Four weeks (preferably) not essentially July 22nd to August 1st inclusive. Apply : A. H. Clark, M.P.S., 24 Broadway, Maidstone, Kent.

### WHOLESALE

**AGENTS** required in various parts of the country on salary, expenses and commission basis. Established connexion essential. 100/124, C. & D. Office.



**ALL AREAS** can be covered by well-connected and experienced Representatives produced through the Free services of the Employment Bureau of the United Commercial Travellers' Association, 180 Tottenham Court Road, London, W.1. Employers are cordially invited to notify present or future vacancies to the U.C.T.A. (Dept. C.).

**VACANCY** will shortly occur for an experienced man or woman with initiative to take charge of Packed Goods Department of a Manufacturing Works in the Provinces. Applicants should have knowledge of modern filling and packaging methods, and be able to control female staff. Applications with particulars of experience, age and salary to 100/126, C. & D. Office.

**MIST** with honours B.Sc., Doctorate or Fellowship of Royal Institute of Chemistry desired to take charge of manufacture of Fine Chemicals. One with research experience and pharmaceutical qualification preferred. Good commensurate salary but according to qualifications and experience. 100/103, C. & D. Office.

**SHIRE** and North Wales. Well-known London Company manufacturing leading proprietary and medicinal products requires a first-representative resident in the above areas. Applicants should reply in own handwriting, stating experience, whether known to the chemists in the district concerned, and salary required. 100/105, C. & D. Office.

**LILLY & COMPANY, LIMITED**, require Pharmacists to act as Representatives in the following territories: (a) Edinburgh, (b) Leicester, (c) Devon and Cornwall. The positions offered are lucrative and offer scope for men of ability. No travelling experience is not essential. Applicants, preferably resident in these areas and should not be over 35 years of age, should send letters to Eli Lilly & Company, Ltd., Basingstoke, Hants.

**EXPERIENCED** Tablet Coater required by manufacturing Chemists in West London. Five days a week, wages £7 10s., excellent prospects. Applicants, with references, to Box 112, Smith's, Fleet Street, E.C.4.

**EXPERIENCED** Tablet Maker required for London House. Permanent and progressive salary. Write full particulars. 100/119, C. & D. Office.

**DRUG** Invoice Clerk-Typist for Manufacturing Chemists, N.W. London. Good prospects. Experience essential. Write full particulars, salary required, etc. 100/122, C. & D. Office.

**KNOWLEDGE** young Representatives required in London and Lancashire and Midlands Area to represent selling proprietary. Good prospects. Give full particulars in confidence to 101/140, C. & D. Office.

**CHESHIRE**. M.P.S., preferably with some manufacturing experience, required by manufacturing chemists. Permanent, well-paid appointment with excellent prospects for adaptable and energetic worker. Write stating details age, experience, etc., to 100/108, C. & D. Office.

**MANAGERESS**, Pharmacist or with pharmaceutical background, required by old-established Manufacturing Chemists on South Coast to take charge of department employing 30 to 40 men and girls engaged in filling, labelling and packing of Tablets, Pills, Proprietary Medicines, etc. in factory, good conditions. Previous similar experience desirable, though not essential. Particulars of previous employment, age and salary, stating salary, to Box No. A781, c/o Street's, 110 Old Street, E.C.2.

**MANUFACTURING** Chemists in N.W. London require a Chemist for analytical control and to supervise production of pharmaceutical preparations. Permanent and progressive opportunity for a man of ability and initiative. Write stating age, experience and salary required. 100/120, C. & D. Office.

**MANUFACTURING** Chemists with a national distribution require a Representative with pharmaceutical qualifications, for the Southern Area. Previous travelling experience desirable but not essential, and applications are invited from members of H.M. Forces who have reasonably low group numbers. Applications, stating age, qualifications, details of previous experience, and salary required to 972/333, C. & D. Office.

**MANUFACTURING** Chemists require Representatives with retail connexions North, South, East and West. Salary, commission, expenses, car allowance. 973/355, C. & D. Office.

**MANUFACTURING** Chemists require Salesman to call on chemists in London. Small salary with generous commission providing in total an excellent remuneration in return for energetic representation. Write giving full details of past experience, age, etc., to 101/144, C. & D. Office.

**M.P.S.** required by small Laboratory in Cuffley district to supervise ampouling and capsuling and dispensing of doctors' prescriptions. £400 p.a. Part-time applicant considered. 965/995, C. & D. Office.

**PARKE, DAVIS & CO.** require energetic pharmacists, age not more than 30 years, as Representatives. Previous experience unnecessary as complete training will be given. Applicants should possess initiative, personality, and be of good address. Consideration will be given to applications from pharmacists still in the Forces. Brief details of previous employment also remuneration required, to Sales Manager, 50 Beak Street, London, W.1.

**PILL MAKER** required for London Manufacturing House, to understudy Foreman with a view to taking full control of department in near future. Excellent opportunity for man of ability. Write full particulars, experience, salary required, etc. 100/118, C. & D. Office.

**RELIABLE** Agents with established connexions wanted in all counties Great Britain to carry quality goods to wholesalers, retailers, exporters, hospitals, institutions, hotels, chemists. State age, connexions, regular territory. Other goods carried. 969/203, C. & D. Office.

**REPRESENTATIVE** required on commission basis for old-established insecticide now modernised. The district—Cheshire, Staffs and Liverpool area. There are many good live accounts in the area. Applications to 100/132, C. & D. Office.

**REPRESENTATIVE** required for Lancashire and Cheshire by wholesalers of nationally advertised hair preparations and fancy and sundry lines. Good connexion among chemists, hairdressers and stores essential. 101/137, C. & D. Office.

**REPRESENTATIVE** required for well-known firm. Man calling wholesale chemists and sundries. Good living, commission basis and expenses. 973/360, C. & D. Office.

**REPRESENTATIVES** wanted by established firm on salary and commission basis. Connexions handed over. Write giving full particulars. 100/115, C. & D. Office.

**REPRESENTATIVE** immediately calling Retail Chemists for wholesale sundries house. Must have open connexion Nottingham, Leicester, Northampton, Potteries, etc. Salary, commission, expenses, progressive. Must be car driver. State age, experience, average weekly turnover. 103/117, C. & D. Office.

**REPRESENTATIVES** calling upon chemists and dept. stores required by firm of cosmetic manufacturers to sell very good quality Lipstick Cases on liberal commission basis. Please write in first instance to 100/123, C. & D. Office.

**R**EPRESENTATIVE required to call on retail and wholesale chemists. Write Box F.639, Willings, 133 Moorgate, E.C.2.

**S**OUTH WALES. Experienced Representative required with connexion among chemists and hairdressers. Lines available in increasing quantities. Good commission paid. Replies must state lines already carried. Interviews arranged in South Wales in three weeks. 101/141, C. & D. Office.

**S**ALESMEN with connexions with department stores, drapers and chemists. Sole areas vacant immediately for fast selling line offering exceptional opportunity and prospects. Salary and commission or commission only as desired. Box No. B910, Erwoods, Ltd., 30 Bouverie Street, E.C.4.

**S**HIPPING Clerk required to assist Manager, Export Dept., of old-established London House of manufacturing chemists. Applicant must be accurate at figures and actual shipping experience essential. Knowledge of drug trade an advantage. Write stating age, particulars of experience, salary required, etc. 100/121, C. & D. Office.

### WHOLESALE (OVERSEAS)

**C**ANADA. Unique opportunity for two chemists required by Canadian organisation. One with knowledge of Organic Synthesis, and the other with experience of Plant Extracts, Alkaloids and Glandular Derivatives. Applicants can be interviewed in London. Write in confidence to 971/293, C. & D. Office.

### SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

#### RETAIL (HOME)

**B**IRMINGHAM or West and South Midland districts. Pharmacist (38) desires first-class situation offering sound prospects and scope for advancement. Permanency. Experience, initiative and capabilities above the average. Used to full responsibility. Expert Buying, Stock Control, Display, Organising, etc. Retail or wholesale considered. Accommodation not required. Free one month from appointment. 100/130, C. & D. Office.

**F**ULLY-QUALIFIED Chemist "Square" trained, college education. Pharmacist. West-End and Continental experience (first class). Extensive managerial experience. Single. Booking Locums from June. Salary 9½ gns. (and expenses). 102/111, C. & D. Office.

### LOCUMS SEEKING ENGAGEMENTS

**P**HARMACIST free now for Locum. Home Counties, South or South-West England. Dates and terms to 100/131, C. & D. Office.

#### WHOLESALE

**A**DVERTISER seeks position of responsibility. Experienced factory management, warehousing, transport, stockkeeping, Costing. Capable organiser. Good knowledge plastics. Nine years with B.D.H. Chemical Section. Preferably Essex or Suffolk. 100/107, C. & D. Office.

**D**EMOBILISED Naval Officer (Inter B.Sc.) seeks part-time employment whilst completing his Degree. Would be willing to undertake routine analyses or similar work either at clients' own premises, or in private, well-equipped laboratory to which he has access. Commence early June. 973/340, C. & D. Office.

**R**EPRESENTATIVE (Beecham Trust), 15 years' experience, seeks position with house of repute. First-class connexions with chemists and stores Oxon, Berks, Beds, Herts, Bucks, Essex, Middlesex and Cambridge. Salary, commission and expenses. 8 Bowers Parade, Harpenden, Herts.

**S**ALES Manager (M.S.M.A.) with sound previous experience sales management and business organisation desires change; would consider investment or partnership. Inquiries to 973/346, C. & D. Office.

**W**ELL-INTRODUCED Representative (27) career with house of repute. Known to 4,000 pharmacists, doctors, dentists throughout South-Eastern and Eastern Counties. Expert propaganda detailing (trade and professional) Highest references. Car driver. Willing to 100/110, C. & D. Office.

### AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

**A**GENTS wanted to sell attractive brass containers; push-up type, on commission basis. Apply 973/354, C. & D. Office.

**A**LONDON Firm of Manufacturing Chemists looking for permanent live Agents to introduce profitable proprietary lines to retail pharmacist stores. Generous commission basis only. Scotland, Wales, Lancashire and S.W. England. We are not interested in men who take the least resistance, therefore such men are requested not to waste their time nor ours in replying to advertisement.—Lax-Vita, Ltd., 66 Victoria Road, London, S.W.1.

**B**ELGIAN Firm of good repute and first-class standing desires Agency for Belgium for well-known British pharmaceutical products, articles or cosmetics. Full particulars and references supplied on demand. Please make offers to 973/354, C. & D. Office.

**C**HIROPODIST Distributor (Sole Agency) wanted for covering Great Britain, Scotland and Northern Ireland. Original, non-competitive product already selling by chemists and stores. Long policy only considered. No opportunists. Write first instance to 973/365, C. & D. Office.

**M**ANUFACTURING Chemists, own Sales Organisation, prepared to handle other lines that do not clash. All areas covered. Apply 973/354, C. & D. Office.

**M**ANUFACTURERS' Wholesaler covering London and Suffolk, requires additional lines or agents to consider sole agency rights for these areas. 100/130, C. & D. Office.

**M**ANUFACTURERS' Agent with first-class representation to Chemists in Liverpool, Warrington and Cheshire area desires additional Agency for firms of repute. Good quick-selling lines urgently required.—Alfred E. Jones, 39 Manor Way, Woolton, Liverpool.

**O**LD-ESTABLISHED London House with 100 years covering Wholesale Grocery Trade throughout the country desirous of contacting manufacturers of Lemonade Powder and similar lines. Write in confidence to 100/125, C. & D. Office.

**R**EPRESENTATIVES. Selling Agents and Distributors with established connexions to Chemists, Stores, Co-ops., etc., with packed line a new rapid seller. Full particulars of terms covered, experience, etc., to Wilson's, 102 High House Road, Doncaster.

### BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

**M**EDIUM-SIZE Chemist's Business wanted on personal ownership. Cash available. Grant for genuine offer in Midlands or South if possible. 973/364, C. & D. Office.

**S**MALL Drug Store (going concern) wanted in good-class residential district. London or Home Counties preferred. Living accommodation essential, preferably with garage. Price and estimated valuation of stock and goodwill in confidence to 100/128, C. & D. Office.



## APPOINTMENTS

**FO** Vacancies exist on the Editorial Staff of **THE CHEMIST AND DRUGGIST** for Pharmacists, preferably with journalistic experience or fiction. Applications, which must be in writing giving full details of age, qualifications, experience and salary expected, should be addressed to The Staff Director, Morgan & Piers (Publishers), Ltd., 28 Essex Street, London, W.C.2. Applications from pharmacists serving at present with H.M. Press will receive consideration.

**SISTANT PHARMACIST** wanted. Salary £320 per annum. Apply stating experience giving names for reference to the Secretary, Suffolk General Hospital, Bury St. Edmunds.

## HEMPSTEAD HOUSE BASE HOSPITAL, HEMEL HEMPSTEAD

**PENSER-ASSISTANT** required to do 39 hours a week. Salary according to the Recommendations of the Joint Negotiating Committee (Hospital Staffs). Apply in writing to the Medical Superintendent, Hempstead House Hospital, Hemel Hempstead, Herts.

**ALL END EMERGENCY HOSPITAL, ST. ALBANS.** Temporary Assistant Pharmacist (male or female) required. Three other pharmacists employed. Salary £320 per annum plus four increments of £15 and one of £20, maximum of £400 per annum. Applying age, qualifications, particulars of experience to The Medical Director.

## KENT COUNTY COUNCIL

### PUBLIC HEALTH DEPARTMENT.

**PHARMACIST (M.P.S. or Ph.C., either** Hospital experience essential. Required the summer months (approx. June to September) to undertake duties at the County Hospitals at Farnborough, Pembury, Dartford, Chatham, Sheppey, Dover and Willesborough Hospital, as may be arranged. The successful applicant would be required to undertake duties at the County Pharmacy when not required at the hospitals. Salary £8 8s. a week and all necessary expenses would be reimbursed. Applications, stating age, qualifications, experience, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

**W. L. PLATTS,**  
*Clerk of the County Council.*

County Hall, Maidstone.  
1st May, 1946.

**QUALIFIED LOCUM PHARMACIST** required by **MIDDLESEX COUNTY COUNCIL** at **ASHFORD COUNTY HOSPITAL, Brixton, S.W.**, from June 24 for 7 weeks. Salary £4 p.w. plus temporary bonus (now 23s. p.w.). Applications, with copies of testimonials, immediately to Medical Director.

## ROYAL VICTORIA & WEST HANTS HOSPITAL, BOURNEMOUTH

**ASSISTANT PHARMACIST** required. Apply in writing immediately, stating age, experience, Hospital, if any. Salary in accordance with recommended scale of the British Hospitals Association Joint Negotiating Committee (Hospital Staffs). Permanent appointment with membership of the Federated Superannuation Scheme. Gordon M. Saul, Secretary.

## ROYAL VICTORIA & WEST HANTS HOSPITAL, BOURNEMOUTH

**SOCIETY OF APOTHECARIES ASSISTANT** required. Apply in writing immediately, stating age and experience. Salary in accordance with the recommended scale of the British Hospitals Association Joint Negotiating Committee (Hospital Staffs). Permanent appointment. Gordon M. Saul, Secretary.

## SURREY COUNTY COUNCIL

**HEAD PHARMACIST** at **KINGSTON COUNTY HOSPITAL**, Woltverton Avenue, Kingston-on-Thames. (Perm. Appt.) Must possess M.P.S. or Ph.C. qualification. Commencing salary on grade £500 x £20-£600 p.a. inclusive. Applications to County Medical Officer, County Hall, Kingston-on-Thames.

**ASSISTANT PHARMACISTS** at **ST. HELIER COUNTY HOSPITAL**, Wrythe Lane, Carshalton; **BOTLEY'S PARK HOSPITAL**, Chertsey; **KINGSTON COUNTY HOSPITAL**, Woltverton Avenue, Kingston-on-Thames; **ST. LUKE'S HOSPITAL**, Guildford. Must possess M.P.S. or Ph.C. qualification. Commencing salary on grade £320 x £15-£400 p.a. inclusive. Apply to Medical Supt. of appropriate hospital.

## MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

**BOTTLES** for Sale. Approx. 18 gross each unused 1-oz.  $\frac{1}{2}$  oz.,  $\frac{1}{4}$  oz. (two latter sprinkler necks), all fitted black Bakelite caps. Samples sent on receipt reasonable offers. Reply: 101/139, C. & D. Office.

**FOR SALE**, 2-3 ton White Petroleum Jelly B.P. Guaranteed. Apply V.C., 41 Bradford Road, Slough Trading Estate.

**FOR SALE**, Avery 4-ft. Pedestal Slot Weighing Machine Type A676. Apply Bernard Hennell, F.C.A., 165 Moorgate, London, E.C.2.

**FOR SALE**. Five gross Pink Collapsible Tubes, size 1 in. x  $3\frac{1}{2}$  in., and two gross Compact Boxes,  $1\frac{1}{2}$  in. x  $1\frac{1}{2}$  in. x  $\frac{1}{2}$  in. All in perfect condition. No reasonable offer refused. Apply Ileys Ltd., Ryhope Street, S. Ryhope, Sunderland, Durham.

**PHOSPHORIC ACID**. Five cwt. We sell cheap. 101/135, C. & D. Office.

**TALC POWDER**. Approximately two tons of the finest grade talc powder for immediate disposal. 40/- per cwt. or near offer for the whole. Apply for details and sample to 100/133, C. & D. Office.

**THEATRICAL Grease Paints and Liners**, assorted colours, clean, surplus stock in original boxes. Retail value £10 for £5 10s. Carriage paid. 100/109, C. & D. Office.

**WAXED Paper Pockets**,  $4\frac{1}{2}$  x  $1\frac{1}{2}$  in. In perfect condition. 200,000 to clear at 5s. 6d. per 1,000 carriage paid. Minimum quantity supplied 25,000. Sample on request. A. E. Stannard, Ltd., Manufacturing Chemists, Vernon Walk, Tadworth, Surrey.

**200** **UNUSED Flat-top Trolleys**, 2 ft. 9 in. x 14 in. x 14 in. high on four 10 in. diam. rubber-tired wheels. £4 each. Reed Brothers (Engineering), Ltd., Albion Works, Alberta Street, London, S.E.17.

## BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

**ESTABLISHED Chemists and Opticians Business.** Popular suburb close centre of Bath. Takings average £60 weekly. Excellent shop, living accommodation available. Price, Goodwill, etc., £2,000 S.A.V. Louis Powell, Auctioneer, Bath. (Tel. 2127).

**WANTED**

7/6 for 36 words or less, 2d. for every additional word.

**B**OTTLES Wanted. 8, 10, and 16 oz. Oval Ribbed. 4 oz. and 8 oz. Panels or Plain. Screw neck preferred. S. C. C. Ltd., 414 Walton Road, West Molesey, Surrey. Molesey 3556.

**E**DIBLE Sheet and Powdered Gelatin required in large quantities. 965/970, C. & D. Office.

**G**ELATIN Powder and Glycerin B.P. Wanted. 101/136, C. & D. Office.

**R**EQUIRED immediately for export, one ton Tartaric Acid and any quantities of Vanillin and Naphthalene Balls and Flakes. Offers to 100/116, C. & D. Office.

**S**EEDS drawers wanted, any quantity. Sower-butts, Ltd., Ashton-u-Lyne.

**S**TEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

**T**ABLET Bottles. Sizes 3, 4 and 5. With or without caps. Any quantity. Cash waiting. 101/142, C. & D. Office.

**W**ANTED. .550 Saccharin Powder. Any quantity taken. Good price offered. 972/328, C. & D. Office.

**W**ANTED. .550 Saccharin Powder. Any quantity taken, also bulk supplies Saccharin and Aspirin Tablets. Replies to W. Pearce, 143 Endlike Lane, Hull.

**W**ANTED, Bromide post-cards and Velox paper. Offers to Hedley Price, Ltd., 244 North Street, Bristol, 3.

**W**ANTED, Quick Dispensers No. 2 size for dispensing powders 8 to 11 grains. Either all metal or glass tube type as imported before the war. Any quantity purchased. Chas. R. Horner & Co., Ltd., Manufacturing Chemists, Horsforth, Leeds.

**W**ANTED urgently, fibreboard cases complete with partitions to carry 24 x 8 oz. medical ovals. State quantity available and price to William Pearson, Ltd., Clough Road, Hull.

**W**ANTED to Purchase. Few bottles International Bottle Co. "Marlborough" shape. 1 oz., 4 oz., 8 oz. urgently required for sample use. Any odd lots (even threes) welcomed. Purchase or, if preferred, exchange other shape small perfume bottles. 101/138, C. & D. Office.

**W**ANTED. Tablet Makers, able to supply regular deliveries of Sulphur, Iodised, Bronchial, Mint tablets, etc., unlimited quantities. Contracts arranged. 971/295, C. & D. Office.

**LEGAL NOTICE**

**JOHN ALBAN ATKIN (deceased).**

Pursuant to the Trustee Act 1925 All persons having claims against the Estate of **JOHN ALBAN ATKIN** (otherwise known as **JOHN ALBERT ALBAN ATKIN** or **ALBAN ATKIN**), Chemist, late of 26 Shire Hall Park, Hendon, Middlesex, and 245 West End Lane, Hampstead, in the County of London, who died on the 17th day of January 1946 are required to send particulars thereof in writing to the Trustee Department, **BARCLAYS BANK LIMITED**, 27 Regent Street, London, S.W.1, or to the undersigned on or before the 15th day of August 1946 after which date the Executors will proceed to distribute the assets having regard only to valid claims then notified.

Dated this 21st day of May 1946.

**KINGSLEY WOOD, WILLIAMS & MURPHY,**  
73/76 King William Street, London, E.C.4.  
(Solicitors for the said Executors).

**BUSINESS OPPORTUNITIES**

12/6 for 36 words or less, 2d. for every additional word.

**A**DVERTISER with available capital is interested in purchasing a small firm of Cosmetic Toilet Manufacturers. Concern must have turnover. Accounts to be subject to audit by tiser's auditors. Write: 973/367, C. & D. Office.

**C**HIMICAL Plant. Capacity available. C types of chemical plant. Prompt attention. 971/278, C. & D. Office.

**P**RIVATE Company with large financial resources. National sales organisation and wise manufacturing facilities, including two large factories. Invites inquiries from firms, with progressive in the food, light pharmaceutical, toilet and related trades, whose development is retarded through any of the facilities mentioned with a view to practical co-operation, whilst retaining full identity, capital and managerial control. Managing Director: 100/104, C. & D. Office.

**R**EPUTABLE London firm, fully licensed. Filtration and bottling facilities for win other liquids. Inquiries in confidence to 100/104, C. & D. Office.

**S**ECRETARY can undertake copy typing. Special subjects a speciality. 101/143, C. & D. Office.

**T**O Tablet Manufacturers. Wholesale requires manufacturers to tablet several assorted tablets, sulphur, bronchial, etc. Made supplied. Firms who can undertake this work communicate 973/362, C. & D. Office.

**W**ELL-EQUIPPED Factory, Home Counties. Offers packing facilities for liquids, pastes and creams. All inquiries, which will be treated in confidence, should be addressed to C. & D. Office, 59/60 Old Bailey, London, E.C.4. Tel. City 1058/9.

**EXPORT TRADE**

**E**XPORT House of good repute and fine standing possessing a Wholesale and Retail Drug Stores in Iraq desires Agency for Iraq for any well-known British pharmaceutical products. Full particulars and references supplied on demand. Apply 100/127, C. & D. Office.

**E**XPORTERS to, and Buyers from, Mediterranean countries are invited to correspond re arrangements. All Pharmaceutical and Toilet soft drinks, sundries, etc., handled. 100/129, C. & D. Office.

**M**ANUFACTURERS' Representative, own factory, concentrating on chemists and lines, require additional Agencies for Southern Rhodesia and Nyasaland. Partner visit England now. Reply Doudney & Co., Westminster Bank, Pavilion, Brighton.

**PARTNERSHIPS**

**A** PARTNERSHIP is offered to a qualified person in a middle-class business in London South-East district. Capital required about £1,000. Interview for particulars. 100/113, C. & D. Office.

**SHOP FITTING**

**MYERS OF OLD ST.** THE PHARMACEUTICAL FITTERS  
FOR ALL PHARMACY FITTINGS  
From the single unit—to the complete Pharmacy  
133-5 & 141-7 OLD STREET, E.C.1. Phone: CLE 1335



The graphic features a large, tilted rectangular frame with a double-line border. Inside the frame, the words "IMPERIAL LEATHER" are written in a bold, serif font, with "Toilet Soaps" in a cursive script below it. Above the brand name is a small crest featuring a crown and stars. Below the brand name is a decorative flourish. Outside the frame, at the bottom right, are two bars of soap: one round and one rectangular, both with the Imperial Leather logo on their packaging.

# IMPERIAL LEATHER *Toilet Soaps*

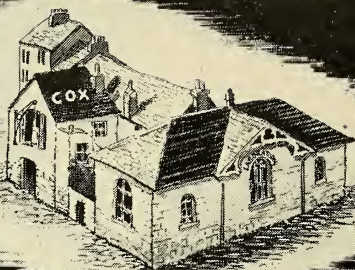
## *Why* THE NAME ?

The increasing popularity of Imperial Leather fine toilet soaps during the past few years has aroused interest in the origin of the name. As many of our friends will know, 'Imperial Leather' is

derived from the name of the particularly attractive perfume which, allied to other rare qualities, has done so much to win for Imperial Leather Toilet Soaps their accepted place in the markets of quality.

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THE BENEFIT OF  
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AND  
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